Volume:
1986
Fall Semester
2nd Edition

HISTORICAL MANUSCRIPTS & ARCHIVES DEPT.
McKELDIN LIBRARY
UNIVERSITY OF MARYLAND
COLLEGE PARK, MD. 20742

University of Maryland College Park Campus

Schedule of Classes

Second Edition, Fall 1986

CLASS SCHEDULE and INFORMATION GUIDE

Published by University of Maryland

EXTENDED STORE HOURS
Open 7 days a week including Labor Day.

August 17–23		August 31–September 6	
Sun	12–5	Sun	12–5
Mon–Thurs	9–7:30	**Labor Day**	9–5
Fri–Sat	9–5	Tues–Fri	8:30–10
		Sat	9–5
August 24–30		**September 7–13**	
Sun	12–5	Sun	12–5
Mon–Thurs	9–10	Mon–Fri	8:30–8
Fri–Sat	9–7:30	Sat	9–7:30

Regular hours (starting Sept. 14): Sun 12–5 • Mon–Fri 8:30–7:30 • Sat 9–5

Information: Textbook 454-3225 • General 454-3222

UNIVERSITY BOOK CENTER
Lower Level East, Stamp Union

The official University of Maryland bookstore that's much more than a bookstore.

IMPORTANT REGISTRATION DATES AND PROCEDURES — UNDERGRADUATES — SEE PAGE 6 GRADUATES — SEE PAGE 7

Table of Contents

REGISTRATION INFORMATION
- Consortium of Universities of the Washington Metropolitan Area ... 9
- Faculty-Staff Registration Procedures ... 9
- Frequently Called Numbers ... 2
- Graduate Student Registration Procedures ... 7
  - Graduate Student Procedure Chart ... 7, 8
  - Doctoral Students — Continuous Registration ... 7
  - Graduate Student Refund Schedule for Dropping Courses ... 7
  - Graduate Students — Summary of Fall Deadlines ... 7
- Important Registration Dates — All Students ... 6
- Remission of Tuition for Faculty/Staff ... 9
- Schedule Adjustment Procedures ... 6
- Services Available During Registration ... 2
- Teacher's Registration ... 9
- Undergraduate Registration Procedures ... 6
- University Calendar ... 2
- Vehicle Registration ... 7

DEADLINES — FOR ALL STUDENTS — SEE PAGE 10
- Cancellation of Registration ... 10
- Candidates for December 1986 Graduation ... 10
- In-State Students ... 10
- Penalties for Drops During Schedule Adjustment ... 10
- Reclassification to In-State Status ... 10
- Summary of Fall 1986 Deadlines ... 10

FINANCIAL INFORMATION — FEE CHART SEE PAGE 11
- Billing Information ... 11
- Cancellation of Residence Hall and/or Meal Plan Agreement ... 12
- Fees for Fall 1986 ... 11
- Financial Aid Information ... 12
- Guaranteed Student Loan (GSL) Information ... 12
- Housing (On-Campus) Credit Adjustment Schedule ... 12
- Mandatory Fees ... 11
- Meal Plan Rates and Credit Adjustment Schedule ... 12
- Other Fees ... 11
- Remission of Fees (Faculty/ Staff) ... 11
- Refunds for Special Courses (CHEM 001, COOP 208/209, ENCO 408/409, ENGL 001, MATH 001) ... 12
- Refund Requests ... 12
- Tuition, Fees and Other Expenses ... 11
- Tuition Waiver Policy ... 11
- Withdrawal From the University — Procedures
  - Dates — Refund of Tuition for Withdrawal from ALL Courses ... 12
  - Cancellation of Residence Hall and/or Meal Plan ... 12
  - Credit Adjustment Schedules — Residence Hall & Meal Plan ... 12

GENERAL INFORMATION
- Academic Dishonesty ... 16
- Change of Address Procedure ... 16
- Change of Name Procedure ... 16
- Commencement Honors ... 16
- Computer Science Center ... 16
- Disabled Student Services ... 16
- Emergency Weather Conditions ... 18
- Engineering Jobs Hotline ... 18
- Experiential Learning Programs ... 18
- Final Examination Schedule ... 16
- Golden ID Program ... 18
- Guidelines to Administration of Examinations & Tests on Religious Holidays ... 18
- Health Center ... 18
- Identification Cards ... 18
- International Student Information ... 20
- Job Referral Service ... 20
- Learning Assistance Service ... 20
- National Student Exchange ... 18
- Off-Campus Housing Service ... 20
- Office of Public Service ... 20
- Policy on Non-Discrimination ... 20
- Returning Students Program ... 20
- Shuttle-UM ... 20
- Skills for Success Workshops ... 20
- Smoking Policy ... 20
- Study Abroad ... 20
- Tel-UM Information ... 20
- Term Paper Workshops ... 21
- Transcript Services ... 21
- UMaps ... 21
- UMCP Human Relations Code ... 18
- University College Students ... 21
- University Policy on Disclosure of Records (Buckley) ... 21
- Veterans Benefits ... 21

ACADEMIC/ADVISEMENT INFORMATION
- Course Numbering System ... 23
- College Locations & Deans ... 22
- College Organization Chart ... 22
- **Graduate Students Academic Information** ... 23
  - Graduate Advisement ... 23
  - Graduate Credit Limits ... 23
  - Graduate Full-Time Status ... 23
  - Graduate Program Changes ... 23
- **Undergraduate Students Academic Information**
  - Advanced Studies Approved Courses ... 27
  - Advisement ... 23
  - Advisor Listing ... 23
  - Credit by Examination ... 25
  - Credit Limits ... 25
  - Distributive Studies Approved Courses ... 26, 27
  - Drop Policy ... 25
  - Foreign Language Placement ... 25
  - Full-Time Status ... 25
  - Major Changes ... 26
  - Pre-Major Information ... 25
  - Pass-Fail Grading Option — U.G. Students Only ... 26
  - Requirements for Satisfactory Academic Progress ... 25
  - U.G. Student Classifications ... 26
  - University Studies Program
    - — Advanced Studies Approved Courses ... 27
    - — Distributive Studies Approved Courses ... 26
  - Zero Level Courses ... 26

WHAT'S NEW AND INTERESTING ... 30
COURSE LISTINGS ... 33
CAMPUS MAP ... 41

Name and Address Changes

It is important to keep the University informed of accurate address and name information. This is necessary to insure receipt of University information and materials in a timely fashion. See page 16 for further procedures.

Services Available During Registration

Disabled Student Services

Provisions are available for special assistance for students with physical disabilities. For further information contact the Disabled Student Services Office on x5028 (voice) or x5029 (Tdd).

Off-Campus Housing Service

The Office of Commuter Affairs provides a free listing and referral service for all students, faculty and staff of the University who are seeking housing or have a property to rent. The office is located in 1195 Stamp Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m. Extension X3645.

Attention Students in The Following Pre-Majors:

- Pre-Architecture
- Pre-Business & Management
- Pre-Computer Science
- Pre-Design
- Pre-Engineering
- Pre-Education
- Pre-Journalism

New regulations for students seeking entry to selective admissions programs have recently been approved. See page 25 for information.

University Calendar 1986-87

Fall Semester 1986

SEPTEMBER

1 —Monday — LABOR DAY HOLIDAY
2 —Tuesday — FIRST DAY OF CLASSES
15 —Monday — **ALL UNDERGRADUATE AND GRADUATE STUDENTS.** LAST DAY TO SUBMIT APPLICATION FOR DECEMBER 1986 COMMENCEMENT TO THE REGISTRATIONS COUNTER, NORTH ADMINISTRATION
22 —Monday — **DOCTORAL STUDENTS.** DEADLINE FOR SUBMITTING FORM REQUESTING APPOINTMENT OF DOCTORAL EXAMINATION COMMITTEE TO THE GRADUATE SCHOOL
29 —Monday — **MASTER'S STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE SCHOOL FOR DECEMBER 1986 COMMENCEMENT: APPROVED PROGRAM FORM, MASTER'S THESIS EXAMINING COMMITTEE FORM.

OCTOBER

4 & 5 —ROSH HASHANAH
6 —Monday — FACULTY AND ASSOCIATE STAFF CONVOCATION (3:00 p.m.)
13 —Monday — YOM KIPPUR

NOVEMBER

27-30 —Thursday-Sunday — THANKSGIVING RECESS

DECEMBER

1 —Monday — **DOCTORAL STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE SCHOOL: TWO FINAL, ACCEPTABLE COPIES OF THE COMPLETED DISSERTATION, THE SIGNED DOCTORAL ORAL EXAMINATION COMMITTEE REPORT, DOCTORAL SURVEY, & MICROFILM CONTRACT
12 —Friday — LAST DAY OF CLASSES
12 —Friday — **MASTER'S STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE SCHOOL: THE EXAMINATION REPORT, ONE FINAL, APPROVED COPY OF THE MASTER'S THESIS OR FORM CERTIFYING NON-THESIS OPTION TO GRADUATE SCHOOL
13 —Saturday — EXAM STUDY DAY
15-22 —Monday-Monday — FINAL EXAMINATIONS
23 —Tuesday — COMMENCEMENT

Spring Semester 1987

JANUARY

15 —Thursday — MARTIN LUTHER KING HOLIDAY
26 —Monday — FIRST DAY OF CLASSES

MARCH

16-22 Monday-Sunday — SPRING VACATION

MAY

14 —Thursday — LAST DAY OF CLASSES
15 —Friday — EXAM STUDY DAY
16-23 —Saturday-Saturday — FINAL EXAMINATIONS
25 —Monday — MEMORIAL DAY HOLIDAY
26 —Tuesday — COMMENCEMENT

Frequently Called Numbers

DEPARTMENT	PHONE NUMBER
ADMISSIONS	454-5550
BURSAR'S OFFICE	454-4832
COUNSELING CENTER	454-2931
DINING SERVICES	454-4106
HORNBAKE LIBRARY	454-4737
McKELDIN LIBRARY	454-2853
REENROLLMENT	454-2734
REGISTRATION APPOINTMENT	454-7950
REGISTRATION INFORMATION	454-5559
RESIDENT LIFE	454-2711
STUDENT UNION	454-2801
WITHDRAWAL	454-3031

IF YOU FIND THE PRINT IN THE SCHEDULE OF CLASSES DIFFICULT TO READ THE FOLLOWING RESOURCES ARE AVAILABLE ON CAMPUS:

HORNBAKE LIBRARY INFORMATION DESK — ASK FOR MAGNIFICATION LENS

HORNBAKE LIBRARY DISABLED RESOURCE ROOM — (IN PERIODICAL ROOM, 2nd FLOOR) VISUALTEK MACHINE (MAGNIFIES PRINT) IS AVAILABLE. TO OBTAIN KEY TO ROOM CALL JOHN KING AT 454-4737.

SHOEMAKER BUILDING — VISUALTEK MACHINE IS AVAILABLE FROM DISABLED STUDENT SERVICES. STAFF ALSO OFFERS READING ASSISTANCE. CALL THEIR OFFICE AT 454-6460 FOR INFORMATION.

T-SHIRT FACTORY, INC.

7301 BALTIMORE AVE COLLEGE PARK, MD 20740 (301) 864-0312

T-SHIRTS

OUR NAME, OUR BUSINESS

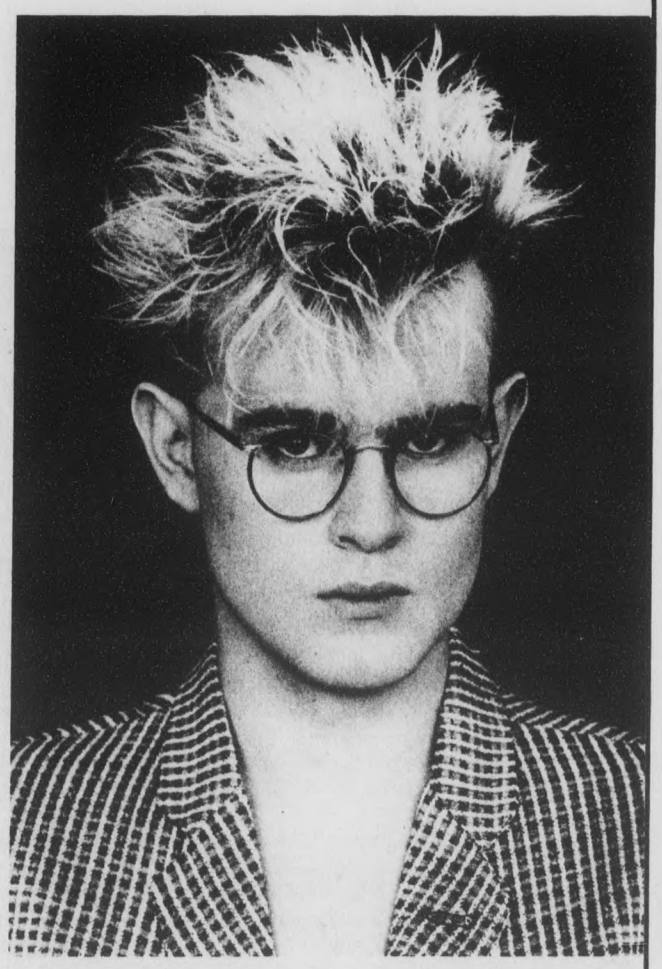
★ ADVERTISING DIRECTORY ★

ADVERTISER	PHONE #	PAGE
AIR FORCE ROTC	454-3242	21
ALPHA PHI OMEGA BOOK EXCHANGE	454-3308	17
BANANA'S, INC.	277-4500	3
BURGER KING	474-2761	78
COMFORT INN	441-8110	79
DAIRY SALESROOM	454-4521	4
DINING SERVICES	454-4141	32
Dr. SCHATZ	277-6100	5
Dr. STANLEY BRAGER	927-2500	4
END OF THE ROLL CARPETS	434-3553	78
FAMISHED FANNY'S	474-2333	79
FOOD COOP	454-5868	13
GENTLE EAST MARTIAL ARTS	585-2272	4
GOODFRIEND TEMPORARIES	933-3100	4
GREENWICH WOODS APARTMENTS	434-0025	14
HAAGEN DAZS	864-4000	4
HARDEE'S	699-5060	15
IBEX REVIEW COURSES	340-3005	4
ITALIAN INN	772-2100	17
JERRY'S SUB SHOP	474-3364	4
MARYLAND BOOK EXCHANGE	927-2510	80
OAKTON APARTMENTS	434-4303	14
OLDE MILL LANDING	572-4600	15
PLAZA TOWERS	559-9100	5
S & M GIFT SHOP	699-8119	4
SOVRAN BANK	454-8412	13
STAMP UNION	454-2807	19
STANLEY H. KAPLAN	244-1456	5
STUDY IN LONDON	454-8645	77
SWENSEN'S ICE CREAM	779-1234	79
T-SHIRT FACTORY	864-0312	3
THE POINT	593-2700	17
THE UNIVERSITY SQUARE DANCE CLUB		4
UNIVERSITY BOOK CENTER	454-3222	1, 40
USA TODAY	(800) 638-2222	4
WASHINGTON CAPITALS	386-7000	78

FOR ADVERTISING INFORMATION
PLEASE CALL RISA SEILER
454-4168

BANANA'S INCORPORATED

FOR STYLE THAT MAKES A STATEMENT!



HAIR DESIGN
277-4500

7417 BALTIMORE BLVD
COLLEGE PARK, MD

Jerry's Sub Shop

Subs • Pizza

Call Ahead

8136 Baltimore Ave. • "Across from Town Hall"

Phone Orders Welcome

474-3364

Try Our Perfect Pizza

Valid at Jerry's College Park.

$1 Off any Reg. Sub

One coupon valid per food item. **Expires 12/31/86**

Valid at Jerry's College Park.

$1 Off any Med. or Lg. Pizza

One coupon valid per food item. **Expires 12/31/86**

585-2272

Head Instructor: John Holloway
4th Degree Black Belt
U.S. Team Captain & International Gold and Bronze Medalist . . .

25% Discount with this Coupon

GENTLE EAST MARTIAL ARTS

(Tae Kwon Do)

8749 Flower Avenue
Flower and Piney Branch Road
Silver Spring, Maryland 20901

Discipline the mind . . . the body will follow

Professional Dental Cleaning, Exam, and Bitewings only $23 (catering to cowards)

FEATURING
- Student discounts (20%)
- Special plans for those without insurance
- All dental insurance plans
- Twilite sleep
- Laughing gas
- Cosmetic bonding

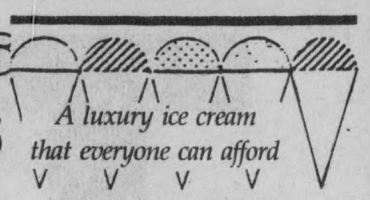
Evening and Saturday Hours Available

Yes . . . We Care

Dr. Stanley Brager
Executive Building Suite 405
7100 Baltimore Ave.
College Park. Md. 20740

Conveniently located
(3 blocks south of Univ. of Md.)
927-2500

Häagen-Dazs
Häagen-Dazs
Häagen-Dazs



A luxury ice cream that everyone can afford

10% off any pint or quart
30¢ off any single scoop
with this ad. *Expires 9/30/86*

Häagen-Dazs

4433 Lehigh Rd. • College Park, MD
(just south of the University)

IBEX Review Courses

LSAT GMAT

340-3005 or 340-3003

$25 Discount with this Coupon

Not scheduled for class today?

Goodfriend TEMPORARY SERVICES

We can keep you busy.

The name you can trust when you need temporary word processing, secretarial, receptionist, data entry, accounting, clerical and light industrial work.

Wheaton	933-3100
Rockville	468-4803
Greenbelt	982-7030
Gaithersburg	977-5858

Take Friday Off

(And half of Thursday, too!)

And meet the nation's brightest faces in USA TODAY every day. Four colorful and concise sections — NEWS, MONEY, SPORTS and LIFE—deliver the latest information from home, Wall Street, Hollywood, Memorial Stadium and everywhere in between. Sign up now for campus delivery and SAVE 33% off the newsstand price. That's getting 1½ free issues every week. Plus, you will receive a FREE USA TODAY T-Shirt.

And receive a free USA Today T-Shirt

Yes, begin my subscription, and send my gift.

☐ Save $10.75 — 3 months: $21.75
☐ Save $21.50 — 6 months: $43.50

T-Shirt size: ☐ Small ☐ Medium ☐ Large ☐ X-Large

NAME _____ PHONE _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

☐ Payment enclosed (check or money order) ☐ Bill me
☐ Please charge to my: ☐ Amex ☐ MasterCard ☐ Visa

Card # _____ Exp. date _____

or CALL TOLL-FREE
800-638-2222

Return to USA TODAY, 7425 Boston Boulevard, Springfield, VA 22153.

USA TODAY

Free gift will be sent upon receipt of payment. Offer expires May 31, 1987.

S & M Gift Shop

A Hallmark Store
A Whole Lot More!

GIFTS NOTES PENS PAPER MUGS WRAP & MORE!

College Park Shopping Center
699-8119
Open 7 Days

10% OFF ALL MERCHANDISE
with coupon — thru 9-15-86
at the College Park Store ONLY
"Get into S & M"

UNIVERSITY OF MARYLAND DAIRY SALESROOM

In front of the Armory on Rt. #1 - Turner Lab. Bldg.
OPEN 8 AM-6 PM
Hot Dogs - Chili Dogs - Soups - Salads - Meatball Subs
SPECIALIZING IN OUR OWN FAMOUS
MADE-ON-PREMISES U.M. ICE CREAM:
Sodas - Parfaits - Shakes - Malts - Sundaes - Cones
Banana Splits - Hot Fudge Ice Cream Cake

25¢ OFF
Regular price of a DOUBLE MILKSHAKE
Expires Sept. 30, 1986
Limit 1 coupon per customer per visit

15¢ OFF
Regular price of a HOT DOG or CHILI DOG
Expires Sept. 30, 1986
Limit 1 coupon per customer per visit

Everyone welcome!

SQUARE DANCE

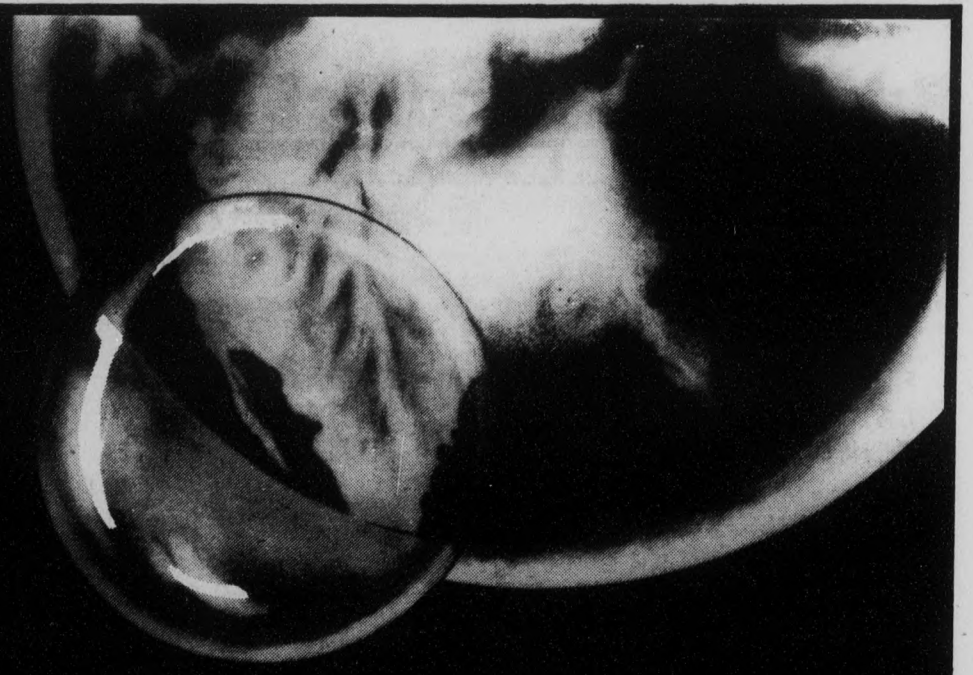
$1.00 with this coupon

Monday, Sept. 8, 7:30-9:30 p.m.
Room 0112 in the Armory Basement

Come alone or bring your friends!

Sponsored by the University Square Dance Club
Beginners' classes, Mondays beginning Sept. 15, 7:00-9:00 pm.
Rm. 0112, Armory basement. Come join us!

Astigmatic Soft Contact Lenses Make A World of Difference



If you haven't considered soft contact lenses as an option for correcting astigmatism, do it now. Because of the new technology, thousands of people are enjoying the benefits of soft daily wear and extended wear astigmatic contact lenses. Even in cases of extreme astigmatism, custom astigmatic lenses can be made for you.

An eye examination, contact lenses, fitting, instruction, care kit, solutions, generous trial period and scheduled follow-up appointments are included in the fee...which is quoted in TOTAL in advance. There are no hidden charges!

Your inquiry is welcomed at

CONTACT LENS ASSOCIATES

Dr. Stuart D. Schatz

Optometrist, P.A.

7417 Baltimore Blvd. College Park, Md.

CALL: 277-6100 FOR APPOINTMENT OR MORE INFORMATION

Visa, Mastercard and Choice Accepted

Hours: Monday thru Saturday 9:00 A.M.-6:00 P.M.

Evening appointments also available

Copyright 1986 Griggs Associates, Inc. ALL RIGHTS RESERVED

THE KAPLAN CURRICULUM FOR CAREER CLIMBERS:

LSAT, GMAT, MCAT, GRE, DAT, Advanced Medical Boards, TOEFL, Nursing Boards, NTE, CPA, Intro. to Law, Speed Reading, AND MORE.

For nearly 50 years, Stanley H. Kaplan has prepared over 1 million students for admission and licensing tests. So before you take a test, prepare with the best. Kaplan. A good score may help change your life.

KAPLAN

STANLEY H. KAPLAN EDUCATIONAL CENTER LTD.

CALL DAYS, EVENINGS AND WEEKENDS. WE ARE ENROLLING NOW!

244-1456

4201 Connecticut Ave., N.W., Washington, D.C. 20008

plaza towers apartments

Located just minutes from the University of Maryland, with shuttle bus service to the front door, Plaza Towers offers convenience and luxury at extremely affordable prices, with efficiencies from **$435**, one-bedrooms from **$525**, and two- and three-bedrooms at comparable savings.

Rent includes all utilities. Other special features include: individually-controlled heat and air conditioning, luxury kitchen with dishwasher and disposal, balcony or patio, 24-hour secretarial service, cable T.V., free off-street parking, large swimming pool and tennis courts, party room, walking distance to Prince George's Plaza, and a convenient Metrobus stop at the front door.

Rental Office: 6700 Belcrest Road
Hyattsville, Maryland
559-9100

Open Weekdays 9-5
Saturday by Appointment

Registration and Schedule Adjustment Procedures

UNDERGRADUATE STUDENT REGISTRATION PROCEDURES
IMPORTANT REGISTRATION DATES

ALL STUDENTS — BY APPOINTMENT ONLY — CALL 454-7950

REGISTRATION	AUGUST 27-29	8:30-11:45; 1:00-4:15	
LATE REGISTRATION AND	SEPTEMBER 2-3	8:30-11:45; 1:00-5:45	
SCHEDULE ADJUSTMENT	SEPTEMBER 4-15	8:30-11:45; 1:00-4:15	
	(A LATE REGISTRATION FEE OF $20.00 IS ASSESSED)		
DROP PERIOD	SEPTEMBER 16-NOVEMBER 10	8:30-11:45; 1:00-4:15	
WAIT LIST CHECK-IN*	AUGUST 28-SEPTEMBER 5	8:30-11:30; 1:00-4:00	(Reckord Armory)
	SEPTEMBER 5-16	8:30-11:30; 1:00-4:00	(1130 North Administration Bldg.)

*Check your Wait List form for initial check-in date.

AUGUST 27-SEPTEMBR 15 — LOOK FOR EXPRESS DROP LINES

NOTE: The University will be closed September 1 for Labor Day.

BRING PHOTO ID CARD TO REGISTRATION

NOTE: Newly admitted students MUST attend an orientation program, and will register at that time. Call the Orientation Office at 454-5752. Newly admitted students not attending orientation may NOT register until August 28th.

Walk-in Registration is available through August 26th. Beginning August 27th an appointment is required.

STEP 1 — MAKE AN APPOINTMENT to Register or Drop/Add. Call 454-7950 between 8:30 a.m. and 4:30 p.m. to make an appointment. Appointments will be scheduled through September 15, 1986. If you are only dropping a course, an appointment is not necessary.

NOTE: Students on Academic Dismissal or Academic Warning at the end of the Spring 1986 semester are required to meet with an advisor prior to registering. Proof of advising will be required each time a change is made to the student's schedule. Students who do not meet with an advisor will not be allowed to register for the Fall 1986 semester.

STEP 2 — REGISTRATION LOCATION

August 11-26, Rm. 1130 North Administration Bldg.
August 27-September 5, Reckord Armory, Main Floor
September 8-15, Rm. 1130 North Administration Bldg.

STEP 3 — REVIEW COURSE LISTINGS FOR RESTRICTIONS

Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 33, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registering for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have GPA or cumulative credit requirements. Read course listings carefully to determine if the course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization.) Students should be sure they have authorization prior to their registration appointment time.

OTHER RESTRICTIONS:

1) 19 Credit Limit — To register for more than 19 credits, students must have written approval of their Dean.
2) Undergraduates Requesting Graduate Level Courses — Students must have written approval of their Dean.
3) Time conflicts are not permitted. Exceptions to this policy require written approval of student's Dean.
4) Undergraduates Requesting Pass/Fail Grading Method — Must have earned 15 credits at the College Park Campus and a G.P.A. of a 2.0.
5) A student may register for a course NO MORE THAN THREE TIMES. A course dropped with a "W" notation will count as one of these three registrations. Each time a course is dropped with a "W" notation it will be counted as one of these registrations.

STEP 4 — WHAT TO BRING

A. Undergraduate students readmitted or reinstated for the Fall 1986 semester
   1. Bring letter of readmission or reinstatement to Registration.
   2. Reinstated students MUST be advised by their Dean or designated representative prior to Registration. Proof of advisement is required. Readmitted students are strongly urged to take advantage of the advisement offered by their college and department prior to Registration.

B. Undergraduate students newly admitted for Fall 1986 who did not attend an Orientation Program may not register until August 28th.
   1. Take your "Offer of Admission" letter to the office of the Dean of your College for advisor assignment
   2. Report to the assigned advisor for course advisement.
   3. After your "Offer of Admission" letter has been signed by the Dean or a designated representative, report to registration at your appointment time.

C. Graduate and Undergraduate students who were enrolled for Spring 1986
   Bring Spring 1986 Registration Card and your Photo Identification Card to Registration at your appointment time.

STEP 5 — COMPLETE REGISTRATION FORM (New Registrants Only) prior to entering the terminal area. Make sure you are eligible for all courses requested. Registration Forms will be available at all College locations, department offices and North Administration Building.

CHECK CLOSED COURSE LISTINGS at Registration.

STEP 6 — PROCEED TO TERMINAL AREA where your registration will be processed. **Students must keep copies of their Schedule Request Form for their records.**

STEP 7 — HOW TO PAY YOUR BILL

August 18-27 — Rm. 1103 South Administration Bldg.
August 28-September 5 — Reckord Armory or 1103 South Administration Bldg.
September 8 and after — 1103 South Administration Bldg.

1. Process registration. Bills must be paid in full by 3:00 p.m. of the following business day or registration will be cancelled.
2. Complete the Student Bill Form given to you upon entrance to the Bill Paying Area at Station #1.
3. Go to Student Aid Desk if you have any form of student aid financial support coming to you.
4. Go to the Bill Processing Area — Station #2 to get bill added and obtain a payment card.
5. Make out your check at the Check Writing Tables, Station #4. *Write student's name and social security number on the front of the check.*
6. Pay the Cashier at Station #5.
7. A graduate student or part-time undergraduate who returns to add course(s) which result in a net increase to his/her account must pay this amount at the time of registration.

STEP 8 — OBTAIN ID CARDS/REGISTRATION CARDS after completing all transactions (see page 18 for ID card/registration card description). Students who need a Photo ID and/or semester registration card must present proof of bill payment at the Registrations Counter, First Floor Lobby, North Administration Building, 8:30 a.m.-4:30 p.m.

STEP 9 — VEHICLE REGISTRATION — See vehicle registration information on page 27.

Schedule Adjustment Procedures

Schedule Adjustment is BY APPOINTMENT ONLY. Call 454-7950 to schedule an appointment.

NOTE: Students on Academic Dismissal or Academic Warning at the end of the Spring 1986 semester are required to meet with an advisor prior to registering. Proof of advising will be required each time a change is made to the student's schedule. Students who do not meet with an advisor will not be allowed to register or make schedule adjustments for the Fall 1986 semester.

Schedule Adjustment locations:

August 11-26 — Room 1130 North Administration Bldg.
August 27-September 5 — Reckord Armory, Main Floor
September 8-15 — Room 1130 North Administration Bldg.

Please note: The University will be closed September 1, 1986 for the Labor Day Holiday.

The Schedule Adjustment Period is September 2-15, 1986.

A. TO ADD

Complete a Schedule Adjustment Form. make sure you are eligible for the requested course (check Course Listings for restrictions, page 33). Check Closed Course listings at Registration. Bring Photo I.D. and Registration Card.

B. TO DROP

Complete a Schedule Adjustment Form. Bring Photo I.D. and Registration Card.
August 27-September 15 — Look for express drop lines.

C. TO PROCESS

1. **SECTION CHANGE**
   a. Complete a Schedule Adjustment Form. Bring Photo I.D. and Registration Card.
   b. After September 15, 1986 a Section Change Form should be used. A $4.00 fee will be charged.
2. **GRADING OPTION CHANGE/CREDIT LEVEL CHANGE**
   a. Complete a Schedule Adjustment form.

THE ABOVE TRANSACTIONS ARE OFFICIAL ONLY WHEN THE STUDENT RECEIPT HAS BEEN VERIFIED WITH A REGISTRATION STAMP. STUDENTS MUST KEEP COPIES OF THEIR SCHEDULE REQUEST/SCHEDULE ADJUSTMENT FORM FOR THEIR RECORDS.

The forms necessary to complete the above Schedule Adjustments are available at the following locations:

Registration Counter — 1st floor lobby, North Administration Building; Monday-Friday, 8:30 a.m. to 4:30 p.m.

Registration Center — Room 1130, North Administration Building; Monday-Friday, 8:30 a.m. to 4:30 p.m.

Reckord Armory — August 27-September 5, 1986 according to published hours.

BILL PAYMENT PROCEDURES FOR STUDENTS WHO REGISTERED EARLY

Pay bill at the following locations:

August 18-27 — Rm. 1103 South Administration Bldg.
August 28-September 5 — Reckord Armory or Rm. 1103 South Administration Bldg.
September 8 and after — Rm. 1103 South Administration Bldg.

Instructions:

1. Make any academic schedule adjustments.
2. Drop tuition payment in box at the Bill Paying Area entrance gate in the Armory unless you require change from a check. *Be sure student's name and Social Security Number is written on the front of your check.*
3. If you require a receipt, go to the Cashiers Window in the South Administration Building and make your payment.
4. Any drop/add which results in a net increase for your account must be paid at the time of registration.
5. Any registered student whose bill is to be paid by an outside agency is requested to come to Room 1103, South Administration Building with a copy of the Agency Purchase Order prior to Registration to receive contract credit. The cut-off date for acceptance of all contracts is September 2, 1986. The student remains responsible for fees if not paid by sponsor.

Students who registered early received a schedule and bill in the mail which indicated a payment due date. Since the University has no deferred payment plan, PAYMENT IN FULL MUST BE MADE NO LATER THAN THE DATE INDICATED. Students who register after August 15, 1986 must be prepared to pay their bills in full by 3:00 p.m. the following business day or their registration will be cancelled.

For additional information on fees and expenses, refer to page 11.

FINANCIAL AID CHECKS (NDSL, BEOG, SEOG)

Students may pick up their financial aid checks in the Armory after securing at least 12 credits, beginning August 28, 1986. All students must present proof of the required credit hours and their plastic transaction card or driver's license before a check can be disbursed.

Vehicle Registration

All students (except as noted below) who plan to attend the University during the Fall 1986 semester (whether they register early or not) are eligible to register their motor vehicle during the appropriate periods outlined below.

WHO?

All students who operate a motor vehicle on the campus at any time must register that motor vehicle with the Motor Vehicle Administration Office on campus. PLEASE NOTE . . . freshman and sophomore students, who have 55 credits or less and who reside on campus can not register a vehicle on campus unless an exception is granted, and should not bring a vehicle onto campus until permission is granted. This may take up to thirty (30) days.

WHEN?

ALL STUDENTS EXCEPT RESIDENT FRESHMEN AND SOPHOMORES

During the period of July 14, 1986 through August 27, 1986, 8:30 a.m. to 4:15 p.m. Monday through Friday, Motor Vehicle Administration Office, Service Building South Wing.

— OR —

Armory, August 28 through 29, 1986, 8:30 a.m. to 4:30 p.m. MVA Office on campus, September 2 through 5, 1986, 8:30 a.m. to 6:00 p.m. NOTE: The MVA Office will be closed on Labor Day — Monday, September 1, 1986.

— OR —

Monday, September 8, 1986 and later, Motor Vehicle Administration Office, Service Building, South Wing, 8:30 a.m. to 4:15 p.m. Monday through Friday.

NOTE: The UMCP Campus is initiating mail-in registration of vehicles effective with the Fall 1986 academic semester. This may influence registration dates listed above. Adequate publicity concerning the new registration process will be provided by MVA. Call 454-4242 for more information.

HOW?

1. **BRING *CURRENT* STATE REGISTRATION CARD FOR EACH VEHICLE TO BE REGISTERED. YOU *CANNOT* REGISTER YOUR VEHICLE WITHOUT THIS DOCUMENT, AND A STUDENT I.D. CARD.**
2. Pick up and complete University of Maryland application for Motor Vehicle Parking Permit form and receive bumper decals. Registration fee is $25.00 for first vehicle for resident students, $20.00 for first vehicle for commuter students, and $10.00 for each additional vehicle. Vehicle registration charges may be included on student bill during Armory registration ONLY. When vehicles are registered at any other time or place, cash or check payment is required at time vehicle is registered.

Freshman and sophomore campus residents are prohibited from registering or maintaining a vehicle on campus. Questions regarding Motor Vehicle Registration should be referred to the Motor Vehicle Administration Office, 454-4242 or 4243.

BICYCLES AND MOPEDS

Bicycles and mopeds should be parked in bicycle racks provided on campus. Maryland State Laws prohibit the securing/parking of a bicycle or moped in any manner which would obstruct or impede vehicular or pedestrian movement. Violators will be subject to having their bicycle/moped impounded.

HANDICAPPED PARKING

Only vehicles displaying STATE issued handicapped license tags and/or window permits, identifying person or passenger as handicapped will be authorized to park in designated handicapped spaces, unpaid parking meters or any ungated parking lot on this campus. DAV tags or any locally issued tags will not be recognized for this purpose. Contact your state MVA office for details. All persons associated with the University must purchase and display a UMCP parking decal for current year.

Only persons for whom the handicapped privileges are extended are authorized to park in these special parking areas. Family members driving these vehicles must utilize their assigned parking lot(s).

Graduate Student Registration Procedures

Schedule Adjustment — For Graduate Students who have previously registered for Fall 1986 and wish to drop, add, or change sections, grading method, or credit level, follow Schedule Adjustment Procedures on page 6. Schedule Adjustment is **BY APPOINTMENT ONLY.** Call 454-7950 to schedule an appointment.

For students not yet registered — Any previously admitted, eligible graduate student who has not yet registered for the Fall 1986 Semester, may still do so. Each Department/Program will control the distribution of materials for Graduate Students. Students may register walk-in until August 26. Beginning August 27 registration is **BY APPOINTMENT ONLY.** APPOINTMENTS CAN BE MADE BY CALLING 454-7950 BETWEEN 8:30 A.M. AND 4:30 P.M.

STEP 1 — Your department/program has indicated their requirements in the Graduate Registration Procedure Chart (see below). Review the chart to determine departmental requirements based on status as a newly admitted or returning graduate student. Questions may be addressed to the department/program office or Graduate School (454-4004).

NEWLY ADMITTED: Any student receiving an admission letter from the Graduate School for Fall 1986.

RETURNING STUDENT: Any student admitted to a Graduate program prior to and including Summer 1986, and currently eligible to register.

STEP 2 — If advising is mandatory, or Orientation is required contact the department for information and advising arrangements. Department will stamp the form if advising is mandatory. Please note that Orientation refers to individual department programs, not the general Graduate Orientation Program.

STEP 3 — If no advising is required contact your department program office about distribution of the Graduate Schedule Request Form.

STEP 4 — See individual course listings for restrictions. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 33 HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registering for the course. Read the entire course listing for other restrictions. Students requesting Restricted Courses must go to the department offering the course to obtain authorization. If the course is indicated as "Majors Only" and the student is **officially** listed as a major in that department, it is not necessary to obtain an authorization.

STEP 5 — Consult Graduate Registration Procedure Chart to determine where the Graduate Schedule Request Form is to be collected. If the Schedule Request Form is to be returned to the Registrations Office, **you must make an appointment to register.** Call 454-7950 to schedule an appointment. Prior to August 27, 1986 the Registration Center will be located in Room 1130, North Administration Building. August 27-September 5, 1986 the Registration Center will be located in the Reckord Armory, Main Floor.

STEP 6 — a. Students who register July 12-August 15 must pay tuition and fees by September 2, 1986.
b. Students who register after August 15 must pay by 3:00 p.m. of the following business day or registration will be cancelled.

The Bursar's Office is located in Room 1103 South Administration Building. Bills can also be paid in the Reckord Armory August 28-September 5.

STEP 7 — Students who need a Photo ID and/or Semester Registration Card must present proof of bill payment at the Registration Counter, First Floor Lobby, North Administration Building, 8:30 a.m.-4:30 p.m.

Continuous Registration

(Doctoral Students Only)

Following advancement to candidacy by the Graduate Council for the doctoral degree, every graduate student must register each fall and spring semester until the degree is awarded. Contact the Graduate Records Office for more complete information (454-5428).

Graduate Student Refund Schedule for Dropping Courses

Graduate students are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. August 29 or earlier (prior to the first day of classes) ..... 100% refund
   There will be no charge for courses *dropped* by this date.
2. September 2-8 (first five days of classes) ..... 80% refund
   There will be a 20% charge imposed for courses *dropped* during this period.
3. September 9 and after ..... 0% refund
   Student will incur full charge for courses *dropped* during this period.
4. September 16 and after: a $2.00 charge is imposed for *each* drop processed (to be billed).

Students who wish to drop one course and add another at the same credit level must accomplish both transactions on the *same* day to insure additional charges are not imposed.

Refer to Summary of Fall Semester Deadlines for other important dates.

Graduate Students — Summary of Fall Semester 1986 Deadlines

August 13 ..... Last day for mail-in registration
August 18 ..... Begin 24 hour bill payment
September 1 ..... Labor Day Holiday
September 2 ..... First Day of Classes
September 2 ..... Late Registration Begins though September 15
September 15 ..... Last day to submit applications for the December 1986 Commencement to the Registrations Counter, North Administration
September 22 ..... DOCTORAL STUDENTS: deadline for submitting form requesting appointment of Doctoral Examination Committee to the Graduate School
September 29 ..... MASTER'S STUDENTS: deadline for submission of the following materials to the Graduate School for December 1986 Commencement:
— Approved program form
— Master's thesis examining committee form
November 10 ..... Last day to drop a course
November 27-30 ..... Thanksgiving recess
December 1 ..... DOCTORAL STUDENTS: deadline for submission of the following materials to the Graduate School:
— Two final, acceptable copies of the completed dissertation
— The signed doctoral oral examination committee report
— Doctoral Survey
— Microfilm Contract
December 12 ..... MASTER'S STUDENTS: deadine for submission of the following materials to the Graduate School:
— The examination report
— One final, approved copy of the master's thesis or form certifying non-thesis option to Graduate School
December 23 ..... COMMENCEMENT

Graduate Registration Procedure Chart

DEPARTMENT/PROGRAM	LOCATION	STUDENT STATUS			
		Newly Admitted Students		Returning Students	
		Advising	Return completed Forms to:	Advising	Return completed Forms to:
ADVP Animal Sciences	4149 Animal Sci Center	Mandatory	Registrations Office	Mandatory	Registrations Office
AEED Agricultural & Extension Education	0200 Symons Hall	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
AGRO Agronomy	1109 H. J. Patterson	Mandatory	Registrations Office	Mandatory	Registrations Office
AMST American Studies	2140 Taliaferro	Mandatory	Registrations Office	Optional	Registrations Office
ANSC Animal Science	4149 Animal Sci Center	N/A	N/A	Mandatory	Registrations Office

continued on next page

Continuation of Graduate Registration Procedure Chart

DEPARTMENT/PROGRAM	LOCATION	STUDENT STATUS			
		Newly Admitted Students		Returning Students	
		Advising	Return completed Forms to:	Advising	Return completed Forms to:
ANTH Anthropology	1115 Woods Hall	Mandatory	Department	Mandatory	Department
ARCH Architecture	1298 Architecture	Mandatory	Registrations Office	Optional	Registrations Office
AREC Agricultural & Resource Economics	2210 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
ARTS Art History	1211 Art/Socy	Mandatory	Registrations Office	Mandatory	Registrations Office
ARTS Art Studio	1211 Art/Socy	Optional	Registrations Office	Optional	
ASTR Astronomy	0205 Space Sci	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
BCHM Biochemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
BMGT/LMBA/MS Business and Management	3104 Tydings	MBA: permission of Director MS: see faculty advisor or Director		MBA: Optional MS: Optional	Department Department
	PhD: 0139 Tydings	PhD: at Orientation		PhD: Optional	Department
BMPM Business/Public Affairs	See BMGT and MAPM	N/A	N/A	N/A	N/A
BOTN Botany	1223 H. J. Patterson	at Orientation	Registrations Office	Optional	Registrations Office
CHEM Chemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
CHPH Chemical Physics	1126 Physics Bldg	Optional	Registrations Office	Optional	Registrations Office
CMLT Comparative Literature	4220 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
CMRT Communication Arts & Theatre	1146 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
CMSC Computer Science	2309 Computer Sci	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
CRIM Criminal Justice & Criminology	2220 LeFrak Hall	at Orientation	at Orientation	Optional	Registrations Office
DAIR Dairy Science	4149 Animal Sci Center	N/A	N/A	Mandatory	Registrations Office
ECON Economics and Curriculum	3115L Tydings	Mandatory	Department	Optional except 799/899	Department
EDCI Curriculum and Instructioin	2311 H. R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
EDCP Counseling and Personnel Services	3214 H. R. Benjamin	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
EDHD Human Development	3304 H. R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
EDIT Industrial, Technological and Occupational Education	3216 J. M. Patterson	Mandatory	Registrations Office	Mandatory	Registrations Office
EDMS Measurement, Statistics and Evaluation	4107 H. R. Benjamin	Optional	Registrations Office	Optional	Registrations Office
EDPA Policy, Planning and Administration	2110 H. R. Benjamin	Optional	Registrations Office	Optional	Registrations Office
EDSP Special Education	1304 H. R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
ENAE Aerospace Engineering	0151 Engr Classroom Bldg	Mandatory	Department	Mandatory	Registrations Office
ENAG Agricultural Engineering	1130 Shriver Lab	Mandatory	Registrations Office	Mandatory	Registrations Office
ENCE Civil Engineering	1179 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENCH Chemical Engineering	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENEE Electrical Engineering	3181 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENGL English	1141 Taliaferro	Optional	Registrations Office	Optional	Registrations Office
ENMA Engineering Materials	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENME Mechanical Engineering	1113 Mill Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
ENNU Nuclear Engineering	2309 Chem Engr Bldg	Optional	Registrations Office	Optional	Registrations Office
ENTM Entomology	1300 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
FDSC Food Science	1122A Holzapfel	Mandatory	Registrations Office	Mandatory	Registrations Office
FMCD Family and Community Development	1204 Marie Mount	Optional	Registrations Office	Optional	Registrations Office
FNIA Food, Nutrition and Institutional Administration	3304 Marie Mount	Mandatory	Department	Mandatory except 799/899	Registrations Office
FRIT French Language and Literature	3106D Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
GEOG Geography	1163 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
GELS Geography/Library Science	See GEOG & LBSC	N/A	N/A	N/A	N/A
GEOL Geology	1115 Geology Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
GERS Germanic Language and Literature	3215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
GRAD Advanced Special Student	2117 South Admin	Not Required	Registrations Office	Not Required	Registrations Office
GVPT Government & Politics	2181 LeFrak Hall	at Orientation	at Orientation	Optional	Registrations Office
HESP Hearing and Speech Sciences	0100 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
HILS Library and Information Services	see LBSC	N/A	N/A	N/A	N/A
HIST History	2117 Francis Scott Key	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
HLTH Health Education	2387 PERH Bldg	at Orientation	at Orientation	Optional	Registrations Office
HORT Horticulture	1122 Holzapfel	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
JOUR Journalism	2109 Journalism	Optional	Registrations Office	Optional	Registrations Office
LBSC Library and Information Services	4110 Hornbake	Mandatory	Department	Mandatory	Department
LING Linguistics	1107 Mill Bldg	Mandatory	Registrations Office	Optional	Registrations Office
LMBA Business/Law Combined	5th Floor Tydings	see admit letter		Mandatory	Department
LMPM Law & Public Management	See MAPM	N/A	N/A	N/A	N/A
MAPL Applied Mathematics	1112 Math Building	by appointment	at appointment	Optional	Department
MAPM Public Management	1218 LeFrak Hall	Mandatory	Department	Mandatory	Registrations Office
MATH Mathematics	1112 Math Building	by appointment or at GA Orient	at appointment or Orientation	Optional	Department
MAPP Public Policy	1218 LeFrak Hall	Mandatory	Department	Mandatory	Registrations Office
MEES Marine-Estuarine-Environmental Sciences	0313 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
METO Meteorology	2207 Space Sci	at Orientation	Registrations Office	Mandatory except 799/899	Registrations Office
MFAT Master of Fine Arts	See CMRT	N/A	N/A	N/A	N/A
MICB Microbiology	2131 Skinner	Mandatory	Registrations Office	Mandatory	Registrations Office
MUSC Music	2110 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
NUSC Nutritional Sciences	2145 Animal Science	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PCOM Public Communication	2109 Journalism	Optional	Registrations Office	Optional	Registrations Office
PHED Physical Education	2351 PERH Bldg	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PHIL Philosophy	1131 Skinner	Mandatory	Registrations Office	Mandatory	Registrations Office
PHYS Physics	1120 Physics Bldg	Mandatory	Department	Mandatory except 799/899	Registrations Office
POUL Poultry Science	3129 Animal Sci Center	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PSYC Psychology	1147 Zoo/Psyc Bldg	Mandatory	Department	Mandatory	Department
RECR Recreation	2367 PERH Bldg	Mandatory	Department	Mandatory	Department
SOCY Sociology	2108 Art/Socy Bldg	Optional	Department	Optional	Department
SPAP Spanish Language and Literature	2215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
STAT Mathematical Statistics	1112 Math Bldg	Mandatory at appointment or at GA Orient	at appointment or Orientation	Mandatory	Department
TXCE Textile and Consumer Economics	2100 Marie Mount	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
URBS Urban Studies	1113 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
ZOOL Zoology	3210 Zoo/Psyc Bldg	Mandatory	Registrations Office	Optional	Registrations Office
INTERCAMPUS ENROLLMENT PROGRAM: UMAB, UMBC, UMES, UMUC			Graduate School at Host Campus		Graduate School at Host Campus
Intercampus Student	2125 South Admin	at Home Campus	Intercamp Form **MUST** be attached	at Home Campus	Intercamp Form **MUST** be attached

Faculty-Staff Registration Procedures

Faculty and Staff who wish to register for courses must be admitted to the University as an undergraduate or graduate student prior to registration. Follow the steps listed below:

STEP 1 — Contact department representative responsible for processing Remission of Tuition forms. Complete the forms and make sure that they are forwarded to the Personnel Office, Room 1129 South Administration Bldg., 454-6312.

DEADLINE TO SUBMIT REMISSION OF TUITION FORM FOR FALL 1986
Early Registrants — August 15, 1986
Students who register after August 15, 1986 — Remission of Tuition form must be submitted by 3:00 p.m. of the following business day.
All forms must be submitted by September 2, 1986.

STEP 2 — Contact appropriate admissions office:
Undergraduate — North Administration Bldg. (Basement), 454-5550
Graduate — South Administration Bldg. (Second Floor), 454-3141

STEP 3 — Follow appropriate Registration Procedures:
For Undergraduate students see page 6.
For Graduate students see page 7.

Faculty/Staff are encouraged to register as early as possible.

Remission of Tuition for Faculty and Staff

Every semester an approved Authorization for Remission of Tuition form must be turned in to the College Park Personnel Services Office (Room 1129, South Administration Building) in order to receive credit on the student bill for courses taken by faculty and staff members. Usually the authorizing department will forward this form directly to the Personnel Services Office. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted.

Tuition waiver forms for students who registered early must be RECEIVED by campus personnel office by August 15, 1986. Students who register after August 15, 1986 must submit the Tuition Waiver Form and settle their account in full by 3:00 p.m. the following business day. ALL FORMS MUST BE SUBMITTED NO LATER THAN SEPTEMBER 2, 1986.

Published deadlines and procedures for admission, readmission or reinstatement and registration apply to University faculty and staff who wish to take courses.

Questions regarding admission? Contact Admissions Office, 454-5550.
Questions regarding registrations? Contact Registrations Office, 454-5559.
Questions regarding employee remission of tuition? Contact Staff Benefits Office, 454-6312.

Teacher's Registration

Who?
Teachers who have previously been admitted to the University of Maryland College Park Campus, either graduate or undergraduate, and who are not enrolled for Spring 1986.

Undergraduate Students — Apply for readmission at the Office of Undergraduate Admissions, lower level, North Administration Building (454-2734) where a registration form will be issued.

Graduate students — Check with Graduate School, Room 2125 South Administration Building, 454-4004, to determine eligibility. See page 7 for Fall 1986 registration procedures for all Graduate Students.

Dates: April 7-August 13, 1986.

UNDERGRADUATE STUDENTS WITH QUESTIONS CONCERNING TEACHER REGISTRATION SHOULD CALL 454-2017. GRADUATE STUDENTS WITH QUESTIONS CONCERNING TEACHER REGISTRATION SHOULD CALL 454-2015.

The **SECOND EDITION** of the Schedule of Classes should be used prior to the beginning of classes. The Second Edition reflects room, time and instructor changes made to course offerings since the First Edition was printed. It shows courses and/or sections added and omits courses and/or sections deleted since the First Edition.
The **FIRST EDITION** of the Schedule of Classes should be used only **DURING EARLY REGISTRATION.** As they occur, revisions will be posted on the 1st Floor of the North Administration Building.

The University of Maryland uses an individual student's social security number as his or her identification number for University records. If you do not wish the University to use your social security number for this purpose, write the Office of Registration, North Administration Building, College Park, Maryland 20742. The University will then assign its own number to you for record keeping purposes.

The provisions of this publication are not to be regarded as an irrevocable contract between the student and the University of Maryland. Changes are effected from time to time in the general regulations, in fees, in class scheduling, and in the academic requirements.

The Consortium of Universities of the Washington Metropolitan Area

The consortium of Universities of the Washington Metropolitan Area consists of American University, The Catholic University of America, Gallaudet University, Georgetown University, George Washington University, Howard University, Mt. Vernon College, Trinity College, University of the District of Columbia, and the University of Maryland, College Park. Students enrolled in these institutions are able to attend certain classes at other campuses and have the credit considered "residence" credit at their own institution. Payment of tuition for courses will be made at the student's home campus. Any eligible degree seeking graduates and undergraduates may participate in this program according to the following stipulations:

A. Procedure for UMCP Students

Eligible Graduate Students

1. Must be degree seeking.
2. Need approval of the Departmental Director of Graduate Studies.
3. No more than 25% of course credits may be taken at other consortium schools.
4. Practica, internships, workshops and similar experimental learning courses cannot be taken at other consortium schools.
5. **Comparable courses offered at UMCP may not be taken through the Consortium.**

Eligible Undergraduate Students

1. Must be degree seeking.
2. Must have junior standing (56 credits). An exception to this policy is approval for courses in Army and Navy ROTC programs.
3. Need prior written approval of the following:
   a. The student's major department.
   b. The comparable UMCP department if the course is outside the major department.
   c. The student's dean.
4. Practica, internships, workshops and similar experimental learning courses cannot be taken at other consortium schools.
5. **Comparable courses offered at UMCP may not be taken through the Consortium.**

Registration for UMCP Students

1. Contact the department offering the course at the institution to be visited. This will determine if the course is open to consortium students and if there are any special conditions, i.e., prerequisites, special fees. Special fees must be paid directly to the visited institution.
2. Contact the consortium coordinator in the UMCP Registration Office, to obtain the "Permission to Enroll in the Consortium Program" form. (Complete one form for each institution at which you wish to take courses.)
3. Acquire appropriate approvals and signatures on the "Permission to Enroll in the Consortium" form and return to the UMCP consortium coordinator. **Permission will not be granted if a comparable course is offered at UMCP.**
4. Pass/Fail or audit grading options are not permitted for consortium courses.
5. A Consortium Registration Form will be filled out with the consortium coordinator.
6. A copy of this form will be used as an identification card at the visited institution.
7. Show identification card (registration form copy) to the instructor of the course to confirm enrollment, but keep the card.
8. If the course is cancelled or if you change or drop the course, immediately contact the consortium coordinator at UMCP.
9. UMCP course change deadlines apply for students visiting other consortium institutions.
10. Grades will be received in the University of Maryland's Records Office and automatically recorded on the student's permanent record. These grades are used in the calculation of the cumulative grade point average.

NOTE: Consortium courses will be included in the semester credit load of 12 hours for financial aid purposes.

B. Procedures for Visiting Students

Students from other consortium schools may register for University of Maryland, College Park courses on a space available basis beginning with the first day of classes, September 2, 1986 for the Fall 1986 semester.

Students will be expected to meet all prerequisites of UMCP courses. Also, prior approval will be required for courses restricted to specific UMCP majors and permission only courses. See individual course listings in this SCHEDULE for course restriction information. Also, see page 33 "How to Read Course Listings". **Visiting students must register at both their home campus and at UMCP.**

1. Contact the UMCP consortium coordinator on 454-2336 at the Registrations Center.
2. Fill out UMCP Schedule Request form with requested courses.
3. A visiting student cannot audit any UMCP courses.
4. Present to the UMCP coordinator the third copy of the Consortium Registration Form completed by your home campus.
5. The coordinator will officially register you for the UMCP courses. Please keep copies of the Schedule Request/Schedule Adjustment form for your records.
6. If the course is cancelled or if you change or drop the course, immediately contact the consortium coordinator at the visiting campus and your home campus.

Dates Classes Begin for Consortium Schools

American University	September 2
Catholic University	September 4
George Washington University	August 27
Georgetown University	September 4
Howard University	August 20
Gallaudet University	August 23
Mount Vernon College	September 22
Trinity College	Undergraduates: August 28 Graduates: September 8
University of the District of Columbia	August 25
University of Maryland	September 2

Deadlines

Summary of Fall Semester 1986 Deadlines

Type of Change	Last Day to Process Change
ADD A COURSE	September 15
CANCEL REGISTRATION for Fall 1986	August 29
CANCEL RESIDENT LIFE ON-CAMPUS HOUSING without financial obligation	August 5
CHANGE FROM FULL-TIME TO PART-TIME (Undergraduates) for billing purposes	see Penalties for Drops on this page
change CREDIT LEVEL	September 15
DROP A COURSE — UNDERGRADUATE STUDENT without "W" mark	September 15
DROP A COURSE — UNDERGRADUATE STUDENT with "W" mark (4 credit drop limit) ($2.00 fee)	November 10
DROP A COURSE — GRADUATE STUDENT (Graduate student does not receive a "W") ($2.00 fee Sept. 16-Nov. 10)	November 10
DROP A COURSE WITH REFUND (Graduate Students & Part-time Undergraduates only)	See Penalties for Drops on this page
change GRADING OPTION	September 15
GRADUATE MAIL-IN REGISTRATION	August 13
apply for December 1986 GRADUATION	September 15
process a LATE REGISTRATION	September 15

LAST DAY TO WITHDRAW FROM ALL COURSES

WITHDRAW WITH 100% REFUND (CANCEL)	August 29
WITHDRAW WITH 80% REFUND	September 15
WITHDRAW WITH 60% REFUND	September 22
WITHDRAW WITH 40% REFUND	September 29
WITHDRAW WITH 20% REFUND	October 6
WITHDRAW WITH 0% REFUND	December 12

GO TO ROOM 1101 NORTH ADMINISTRATION TO PROCESS A WITHDRAWAL. SEE PAGE 12 FOR WITHDRAWAL INFORMATION.

SCHEDULE ADJUSTMENT PERIOD ENDS AT 4:30 P.M., SEPTEMBER 15, 1986

Cancellation of Registration

Students who register and later decide not to attend the University must **CANCEL** their registration **BY AUGUST 29.** Failure to cancel registration will result in financial obligation to the University even though the student does not attend class.

To Cancel Your Registration on or before August 29:

1. Your cancellation request must be received in writing by:
   Office of Registration — Rm. 1130.
   North Administration Bldg., University of Maryland
   College Park, Maryland 20742

Since the University can honor only those requests for cancellation which are actually received by August 29, requests should be sent by Registered Mail. PLEASE INCLUDE STUDENT'S SOCIAL SECURITY NUMBER ON ALL CORRESPONDENCE.

2. For additional information concerning cancellation call the Registrations Office, 454-2336.

Penalties for Drops During Schedule Adjustment

Full-time undergraduate students do not receive a refund for courses dropped if the total number of credits for which they are registered remains 9 or more.

PRIOR TO THE FIRST DAY OF CLASSES, AUGUST 29 OR EARLIER, if a full-time undergraduate student drops a course or courses, thereby changing the total number of credits for which the student is registered to *8 or less,* charges for the semester will be assessed on the basis of the per credit hour fee for part-time students. However, if the student later adds a course or courses, thereby changing the total number of credits for which the student is registered to *9 or more,* the student will be billed for the difference between per credit hour fees paid and the general fees for full-time undergraduates.

If during the FIRST FIVE DAYS OF CLASSES, SEPTEMBER 2-8, a full-time undergraduate drops a course or courses thereby changing the total number of credits for which he/she is registered to eight or less, charges for the semester will be assessed on the basis of part-time charges plus 20% of the difference between the full-time fees and appropriate part-time charges. After the first five days of classes, there is no refund for changing from full-time to part-time status.

SEPTEMBER 16 AND AFTER — $2.00 fee is assessed for *each* drop processed (to be billed).

This applies to both graduate and undergraduate students.

Refund Schedule for Dropping Courses
Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. August 29 or earlier (prior to the first day of classes) ..... 100% refund
There will be no charge for courses *dropped* prior to this date.

2. September 2-8 (first five days of classes) ..... 80% refund
There will be a 20% charge imposed for courses *dropped* during this period.

3. September 9 and after ..... 0% refund
Student will incur full charge for courses *dropped* during this period.

4. September 16 and after: a $2.00 charge is imposed for *each* drop processed (to be billed).

Students who wish to drop one course and add another at the same credit level must accomplish both transactions on the *same* day to insure additional charges are not imposed.

Candidates for December 1986 Graduation

Both graduate students and undergraduate students must file an application for graduation in the Registration Office by September 15, 1986. Applications are available at the Registration Office Counter, 1st Floor Lobby, North Administration Building, 8:30 a.m. to 4:30 p.m., Monday through Friday.

Check Financial Information section for listing of graduation fees. Graduation fees are due payable when billed.

Reclassification to In-State Status

If you wish to challenge your out-of-state classification you may do so by filing a timely Petition. The deadline for meeting all requirements for in-state status and for submitting all documents for reclassification is the last day of late registration for the semester you wish to be classified as an in-state student.

Deadlines

Summer Session I, 1986	June 6, 1986
Summer Session II, 1986	July 18, 1986
Fall 1986	September 15, 1986

It is imperative that students who wish to request a review of their eligibility for an in-state classification submit the required documents to the appropriate office as soon as possible. The volume of requests for reclassification may necessitate a delay in completing the review process. It is hoped that a decision in each case will be made within ninety (90) days of receipt of a request for redetermination and all necessary documentation. During this period of time, or any further period of time required by the University, fees and charges based on the previous determination must be paid. If the determination is changed, any excess fees and charges will be refunded. It is to your advantage to apply early.

Petitions for review of eligibility, related documents and questions concerning the policy of the University of Maryland for the determination of in-state status should be directed to the following offices:

Undergraduates —
Admissions Counselor
Office of Undergraduate Admissions
Ground Floor
North Administration Building
454-4137

Graduate Students —
Graduate Records Office
Room 2117
South Administration Building
454-5428

In-State Students

Notice to students classified as in-state for admission, tuition and charge-differential purposes. Please be aware that it is your responsibility to notify the proper office listed above in writing within 15 days of any change in your cirumstances which might in any way affect your classification for admission, tuition and charge-differential purposes at the College Park Campus.

Financial Information

Tuition, Fees and Other Expenses

ALL STUDENTS WHO REGISTER FOR THE FALL SEMESTER INCUR A FINANCIAL OBLIGATION TO THE UNIVERSITY. Financial policy and fees are set by the University with the approval of the Board of Regents. The University of Maryland does not have a deferred payment plan.

It is the policy of the University *not* to defer payment of fees on the basis of a pending application for financial assistance to an outside agency. This includes Veterans Administration, banks, guaranteed student loan programs, etc.

Returning students will not be permitted to complete registration until all financial obligations to the University including current semester fees, library fines, parking violation assessments and other penalty fees and service charges are paid in full. If a student registers without proper financial clearance from the Office of the Bursar, his/her registration will be cancelled without further notice. If a student becomes financially ineligible after registering, his/her registration will be cancelled unless and until his/her account balance is paid in full by a prescribed date.

Although the University regularly mails bills to students, it cannot assume responsibility for their receipt. Students are urged to obtain a copy of their financial account in Room 1103 of the South Administration Building if they are not certain their account is paid in full. This office is open from 8:30 a.m. to 4:15 p.m. Monday through Friday. Students may also obtain their account balance by phoning 454-4832.

CHARGES INCURRED DURING THE SEMESTER ARE PAYABLE IMMEDIATELY.

A student who wishes to dispute a specific item on their bill must contact the appropriate University department that initiated the charge to discuss the nature of the adjustments, if any, or the appropriateness of the bill. If, after discussing the bill with the originating department, a student still wishes to dispute the charge, any appeal must be made in writing. It is emphasized that any portion of the bill *not* in dispute must be paid in accordance with the due date on the bill.

All checks or money orders should be made payable to the University of Maryland for the exact amount due. The student's social security number must be written on the check. Payments by telegram should also include social security number.

Students will be severed from University services for delinquent indebtedness to the University which occurs or is discovered during a semester. In the event that severance occurs, the individual may make payment during the semester in which services were severed and all these services except housing will be restored. For a student who lives in on-campus residence halls, and who fails to fully resolve any outstanding balance, the severance of housing services means that (1) the student must leave residence halls, (2) the student's room is assigned to another student, and (3) the severed student may reapply for housing services, if the account is later satisfactorily resolved and other University services are restored, and be placed last on a waiting list for available on-campus housing spaces. Students who are severed from University services and who fail to pay the indebtedness during the semester in which severance occurs will be ineligible to register for subsequent semesters until the debt is cleared. In the event of actual registration in a later semester by a severed student who had not settled the student account prior to that semester, such registration will be cancelled and no credit will be earned for the semester. For a student who is on board and who fails to resolve any outstanding balance, the severance of Dining Services means that the student will not be served meals until their student account is paid in full. No reimbursement will be made on meals not served during severance.

Severance Fee: $25.00. Students who fail to pay the balance due on their accounts will have their University services severed and the $25.00 severance fee added to their account. In order to have the services restored, the student's account must be settled in full.

The State has established, under legislative mandate, a CENTRAL COLLECTIONS UNIT within the Department of Budget and Fiscal Planning. This campus has been instructed that all delinquent accounts must be transferred to the State Collections Unit.

ALL ACCOUNTS DUE FROM STUDENTS, FACULTY, STAFF, NON-STUDENTS, ETC. ARE INCLUDED WITHIN THESE GUIDELINES.

Collection Costs incurred in collecting delinquent accounts will be charged to the student. The University is required by State law to refer all past due accounts to the State Central Collections Unit. The minimum collection fee is 15% plus any attorney and/or court costs.

NOTE: STATE CENTRAL COLLECTIONS UNIT IS AUTHORIZED BY STATE LAW TO USE AN INDIVIDUAL'S STATE INCOME TAX REFUND AS AN OFFSET TO PAY INDEBTEDNESS TO THE STATE OF MARYLAND.

NO DEGREE WILL BE CONFERRED, NO GRADE ISSUED, NOR ANY DIPLOMA, CERTIFICATE, OR TRANSCRIPT OF RECORD ISSUED TO A STUDENT WHO HAS NOT MADE SATISFACTORY SETTLEMENT OF HIS OR HER ACCOUNT.

Mandatory Fees

The Auxiliary Facilities Fee: Refundable upon withdrawal. $12.50 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate students are charged a fee of $6.00. The Auxiliary Facilities Fee is paid into a fund which is used for capital improvement, expansion and construction of various campus facilities such as open recreation areas (tennis courts, basketball courts, etc.), transportation alternatives (shuttle buses), and The Stamp Union Building. These capital projects are not funded or are funded only in part from other sources.
The Student Activities Fee: Refundable upon withdrawal. $14.00 — Charged to all Full-Time Undergraduates. Part-time Undergraduates are charged a fee of $8.00. The Student Activities Fee is charged at the request of the Student Government Association and is used to provide for student activities, student publications, and cultural programs.
The Athletic Fee: Non-refundable. $40.50 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate Students are charged a fee of $11.00. The Athletic Fee is charged for the support of the Department of Intercollegiate Athletics. All students are encouraged to participate in all of the activities of this department or to attend the contests if they do not participate.
The Student Health Fee: Non-refundable. $14.50 — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $7.50. The Student Health Fee is charged for the support of the Health Service Facility. Charges for special services (X-rays, prescriptions, etc.) are due **when received.**
The Shuttle Bus Fee: Non-refundable. $10.00 — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $5.00. The Shuttle Bus Fee is charged for the support of the Shuttle Bus Transportation System.
The Student Union and Recreational Fee: Non-refundable. $32.00 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $15.00. The Stamp Union and Recreational Fee is paid into a fund which will be used to expand recreational facilities and Stamp Union Services.
The Registration Fee: Non-refundable. $5.00 — The Registration Fee is charged to all registrants each semester.

Other Fees

Payment of Fees: All checks, money orders or postal notes should be made payable to the University of Maryland and mailed or delivered to: Office of Bursar, University of Maryland, College Park, MD 20742. The student's social security number must be written on the front of the check.
Undergraduate Application Fee: $20.00 — Charged to all new Undergraduate Students. Applicants who have previously enrolled with the University of Maryland at College Park, University College, Baltimore County or at an off-campus center will not be required to pay the fee.
Graduate Application Fee: $20.00 Required of all students.
Pre-College Orientation Program Registration Fee: $50.00 (two day program) $15.00 (one parent)
$35.00 (one day program) $25.00 (two parents)
Late Application Fee: $25.00
Late Registration Fee: $20.00. All students are expected to complete their registration including the filing of Schedule Adjustment Forms on the regular registration days. Those who do not complete their registration during the prescribed days must pay this fee.
Special Fee for students requiring additional preparation in Mathematics, English or Chemistry: MATH 001 — $110; CHEM 001 — $70; and ENGL 001 — $100.00 per semester. These special fees are in addition to course charges. (Note that MATH 001 is required of students whose curricula call for MATH 110 or 115 and who fail in qualifying examination for these courses.)
A student enrolled in MATH 001 or ENGL 001 and concurrently enrolled for six or more credit hours will be considered as a full-time student for purposes of assessing fees. Students taking only MATH 001 or ENGL 001 pay for three credits plus the special fee. Students taking CHEM 001 pay for two credits plus the special fee. A 3-credit course plus MATH 001 or ENGL 001, results in a charge for 6 credits plus the special fee. A full-time student pays full-time tuition plus the special fee.
Cooperative Education Program in Liberal Arts and Business (CO-OP 208-209): $30.00 each
Engineering CO-OP Program (ENCO 408-409): $30.00 each
Fees for Auditors and courses taken for audit are the same as those charged for courses taken for credit to determine whether or not an undergraduate student is full-time or part-time for fee assessment purposes.
Special Students are assessed fees in accordance with the schedule for the comparable undergraduate classification.
Change of Registration Fee: $2.00 for each course dropped or added after September 15, 1986. A $4.00 fee is charged for each section change ($2.00 for the section added, $2.00 for the section dropped).
Transcript of Record Fee: $2.00 each copy
Special Examination Fee: $30.00 per course for all undergraduates and full-time graduate students. Credit-hour charge for part-time graduate students. (See page 28 for definition of full-time and part-time graduate status.)
Vehicle Registration Fee: Commuters $20.00, Campus Residents $25.00 for first vehicle and $10.00 for each additional vehicle in accordance with published regulations. Fee is required of all students registered for classes on the College Park Campus and who drive on campus.
Textbooks and Supplies: Textbooks and classroom supplies vary with the course pursued, but will average $125.00 per semester.
Service Charges for Dishonored Checks: Payable for each check which is returned unpaid by the drawee bank on presentation because of insufficient funds, payment stopped, post-dating against uncollected items, etc.
For checks up to $50.00: $5.00
For checks from $50.01 to $100.00: $10.00
For checks over $100.00: $20.00
When a check is returned unpaid, the student must redeem the check and pay any outstanding balance in the account within 10 days or all University services may be severed and the account transferred to the State Central Collection Unit for legal follow-up. Additionally, a minimum 15% collection charge is added to the charges posted to the student's account at the time the transfer is made.
When a check is returned unpaid due to an error made by the student's bank, the student must obtain a letter from the branch manager of the bank or a person of equivalent status admitting such an error. This letter must be submitted to the Office of the Bursar to have the service charge waived.
Library Charges: $.35 — Fine for failure to return a book from General Library before expiration of loan period: per day. Fine for failure to return book from Reserve Shelf before expiration of loan period: First hour overdue on first day: $1.00; after first hour on first day: $.75 per hour for each hour open up to a maximum of $45.00 per item. In case of loss or mutilation of a book, satisfactory restitution must be made.
Motor Vehicle Penalties: These are described in Traffic Rules and Regulations.
Property Damage Charge: Students will be charged for damage to property or equipment. Where responsibility for the damage can be fixed, the individual student will be billed for it; where responsibility cannot be fixed, the cost of repairing the damage or replacing equipment will be prorated among the individuals involved.
Severance Fee: $25.00. Students who fail to pay the balance due on their accounts will have their University services severed and the $25.00 Severance Fee added to their account. In order to have services restored, the student's account must be settled in full.
Graduation Application Fee for Bachelor's Degree: $15.00, **Master's Degree:** $25.00, **Doctor's Degree:** $50.00
These charges are one-time, non-refundable fees, and must be paid in the semester that the graduation application is first submitted.

Fees for Fall Semester 1986

An Important Fee Notice. Although changes in fees and charges will ordinarily be announced in advance, the University reserves the right to make such changes without previous announcement.

General Fees[1] (*includes mandatory fees)

[1]Full-Time Undergraduate Students, Maryland Residents	**800.50**
[1]Full-Time Undergraduate Students from District of Columbia, other states and other countries	**2,238.50**

— PART-TIME UNDERGRADUATES — (In-state and out-of-state enrolling for 8 credit hours or less) **$77.00** per credit hour.

Credit Hours	1	2	3	4	5	6	7	8
*Cost	134.50	211.50	288.50	365.50	442.50	519.50	596.50	673.50

*Includes all mandatory fees.

— GRADUATE IN-STATE STUDENTS — $92.00 per credit hour.

Credit Hours	1	2	3	4	5	6	7	8	9	10	11	12	13
*Cost	141.50	233.50	325.50	417.50	509.50	601.50	693.50	785.50	906.50	998.50	1090.50	1182.50	1274.50

*Includes all mandatory fees.

— GRADUATE OUT-OF-STATE STUDENTS — $163.00 per credit hour.

Credit Hours	1	2	3	4	5	6	7	8	9	10	11	12	13
*Cost	212.50	375.50	538.50	701.50	864.50	1027.50	1190.50	1353.50	1545.50	1708.50	1871.50	2034.50	2197.50

* Includes all mandatory fees

Board (19 Meal Plan)		812.50
Board (15 Meal Plan)		757.50
Board (10 Meal Plan)		700.00
Board (Point Plan)		757.50
Board (D.S. Cash)[4]		
Room, University Residence Hall, Maryland Residents/Non Residents		983.00
Vehicle Registration Fee (one car — valid through August 1987)	Resident	25.00
	Commuter	20.00
Each additional car (valid through August 1987)		10.00
Special Mathematics Fee (MATH 001)		110.00
Special Chemistry Fee (CHEM 001)		70.00
Special English Fee (ENGL 001)		100.00
Special Engineering COOP Fee (ENCO 408) or (409)		30.00[3]
Special COOP Fee (COOP 208) or (209)		30.00[3]
Continuous Registration Fee (Doctoral Candidates)		10.00
Late Registration Fee (beginning September 2)		20.00
Schedule Adjustment Fee (effective on or after September 16)		2.00
Graduation Application Fee for Bachelor's Degree		15.00
Graduation Application Fee for Master's Degree		25.00
Graduation Application Fee for Doctoral Degree		50.00
Credit by Exam Fee		
All Undergraduate and Full-Time Graduate Students (per course)		30.00
Part-Time Graduate Students (per credit hour)		See above
Audit courses are charged the same as a course taken for credit.		
Maryland English Institute — Intensive		1,856.00
Maryland English Institute — Semi-Intensive Program		928.00
Maryland English Institute — Pronunciation Program		175.00
Orientation Fees:		
Student One Day		35.00
Student Two Days		50.00
One Parent		15.00
Two Parents		25.00

[1]FOR BILLING PURPOSES UNDERGRADUATE FULL-TIME STATUS IS DEFINED AS A REGISTRATION FOR 9 CREDITS OR MORE.
[2]A STUDENT WHO HAS BEEN ADMITTED TO THE GRADUATE SCHOOL WILL BE CHARGED THE GRADUATE CREDIT HOUR FEE FOR ALL COURSES REGARDLESS OF THE LEVEL OF THE COURSE.
[3]A $5.00 FEE WILL BE CHARGED FOR SPECIAL COURSE REGISTRATION. THE AMOUNT OF $65.00 WILL BE CHARGED FOR ENROLLMENT IN TWO SPECIAL COURSES.
[4]D.S. CASH ACCOUNTS AVAILABLE — INQUIRE AT CONTRACT OFFICE (X2906).

Billing Information

Bills for payment of fees are mailed in July 1986 to students who have registered for courses for Fall 1986. Since the University has no deferred payment plan, **PAYMENT IN FULL MUST BE MADE NO LATER THAN AUGUST 15, 1986 BY ALL REGISTERED STUDENTS.** Accounts not paid by August 15, 1986 are delinquent and subject to referral to the State Central Collections Unit at Baltimore and/or cancellation of registration.

For student convenience, payment by mail is encouraged; however, payment also may be made at the Office of the Cashier, South Administration Building. Students may pay in person at the Office of the Cashier, 8:30 a.m. to 4:15 p.m. Monday through Friday, where they are required to present a Student ID Card with payment. Also students, if paying by personal check, may drop the payment in the Bursar's Mail Remittances hallway drop slot beside Room 1108, South Administration Building, at any time that the building is open. If a student uses the drop slot, the processed check will serve as a receipt. Be sure the Social Security number is clearly written on the front of the check.

Periodically during the semester bills will be mailed to the student's permanent address reflecting charges incurred for parking tickets, library fines, course adjustments, etc. These bills are due ON RECEIPT. THE UNIVERSITY CANNOT ASSUME RESPONSIBILITY FOR THEIR DELIVERY.
Students who register after August 15, 1986 will be required to make full payment in person to the cashier by the close of business the following working day to avoid cancellation of their schedule and loss of their seats to other students. MAIL PAYMENTS, POSTMARK DATES, AND USE OF "DROP BOXES" WILL NOT SATISFY THIS DEADLINE.

Students who have questions on their bills may obtain print-outs of their financial accounts by coming to Room 1103 of the South Administration Building between 8:30 a.m. and 4:15 p.m. Monday through Friday.

Each student is individually responsible for all of his or her fees and expenses. If a third party, such as an employer, agrees to pay these charges, the student is not relieved of his or her primary responsibility. In the event that such third party fails to honor its agreement, the University reserves the right to bill the students directly. Failure to pay this bill thereafter will result in the suspension of services to the student by the University and transfer of the account to the State Central Collections Unit. WHEN A PAYMENT IS MADE TO THE UNIVERSITY, PAYMENT OF ANY OUTSTANDING BALANCE PRECEDES PAYMENT OF CURRENT INDEBTEDNESS. That is, the oldest account balance is liquidated first.

FAILURE TO PAY OUTSTANDING DEBTS WILL RESULT IN SEVERANCE OF UNIVERSITY SERVICES, ADDING THE $25.00 SEVERANCE FEE, AND TRANSFER OF THE ACCOUNT TO THE STATE CENTRAL COLLECTIONS UNIT. A MINIMUM OF 15% COLLECTIONS CHARGES ARE ADDED AT THIS TIME.

MARYLAND LAW ALLOWS THE CENTRAL COLLECTION UNIT TO BLOCK ISSUANCE OF MARYLAND STATE INCOME TAX REFUNDS FOR INDIVIDUALS WITH DELINQUENT ACCOUNTS.

Remission of Tuition for Faculty and Staff

Every semester an approved Authorization for Remission of Tuition form must be turned in to the College Park Personnel Services Office (Room 1129, South Administration Building) in order to receive credit on the student bill for courses taken by faculty and staff members. Usually the authorizing department will forward this form directly to the Personnel Services Office. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted.

Tuition waiver forms for students who registered early must be RECEIVED by campus personnel office by August 15, 1986. Students who register after August 15, 1986 must submit the Tuition Waiver Form and settle their account in full by 3:00 p.m. the following business day. ALL FORMS MUST BE SUBMITTED NO LATER THAN SEPTEMBER 2, 1986.

Published deadlines and procedures for admission, readmission or reinstatement and registration apply to University faculty and staff who wish to take courses.

Questions regarding admission? Contact Admissions Office, 454-5550.
Questions regarding registrations? Contact Registrations Office, 454-5559.
Questions regarding employee remission of tuition? Contact Staff Benefits Office, 454-6312.

Tuition Waiver Policy

(Employee Spouse and Dependent)

The University Board of Regents has approved a partial tuition waiver policy for the spouse and dependent children of full-time University employees. The policy will provide a waiver of **one-third of the tuition charges only** for eligible students.

The Partial Tuition Waiver forms are available at each campus Personnel Department. The completed form is to be hand carried to the campus personnel office where the student's spouse or parent is employed for approval. The student copy of the approved form will be given to the student and should be maintained.

Approved tuition waiver credit will be posted to registered student's accounts only after completed Tuition Waiver forms are received by the Campus Personnel Department. If the student registers or adds additional courses after August 15, 1986, the student copy must be presented to the Bursar to ensure application of credit for partial tuition waiver.

ALL FORMS MUST BE SUBMITTED BY SEPTEMBER 2, 1986.

If the student receiving the partial tuition waiver drops classes or withdraws from the University and is eligible for a refund, the refund computations will be made in such a way as to return the maximum amount to the tuition waiver account.

Financial Aid Information

FINANCIAL AID CHECKS WILL NOT BE DISBURSED UNTIL AUGUST 28, 1986. THERE WILL BE NO EXCEPTIONS.

Students on scholarships and grants are expected to maintain a semester credit load of 12 hours. Neither credit (earned) by "Examination" nor courses taken as "Audit" can be counted toward credit level. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the University. Any student receiving financial aid who is contemplating dropping credits should see his/her financial aid counselor **before** taking such action.

A student who has not received final approval of a financial aid award and accepted the award should not expect a credit on his/her bill nor a check at the time of registration. No deferment will be granted and the student should be prepared to pay his/her bill by the first day of classes unless financial aid has been **awarded and accepted** by the student.

Students sponsored by an agency or their employer remain responsible for their fees. When payment is not received by the University from the sponsor, the student will be charged.

Previously registered students' bills will be mailed. Students not registered will complete an estimated bill form at registration time. The following information may be helpful:

1. Scholarships, grants, & workships will be credited to student accounts. A check for any balance remaining after charges are paid will be available for those students receiving financial aid. NDSL's will be ordered in checks. Students may pick up their financial aid checks after securing at least 12 credits beginning August 28, 1986. Before a check can be distributed, students must present proof of the required credit hours, their photo ID card or driver's license, and the Fall bill sent to their permanent address. If an awarded financial aid has not been credited on the early registration bill, deduct the approved FA amount for the semester, and pay the balance due.
2. Students who receive scholarships, grants, or loans after classes have begun and who have paid their Student Account for the award period must request a refund in writing from the Office of the Bursar. The refund will take approximately five to six weeks to process after the credit balance appears on the account and the refund request is received.
3. Other scholarships and grants paid to the University by an outside agency will be credited to the student's bill. (Exception — National Merit Scholarship checks will be available in the Office of the Bursar.)
4. Guaranteed Loan checks are distributed to students by the lending agency, except in those cases where the lending institution chooses to send the check to the University directly. These checks are to be picked up at the Office of the Bursar, Room 1103, South Administration Building. Before a check can be distributed, the student must present proof of registration for the required credit hours. Student identification such as the photo ID card or driver's license, and the early registration bill, if applicable, must be provided.
5. Dining Hall cash jobs will be paid bi-weekly to student as work is performed.
6. Dining Hall Workships (and other University Workships) will be credited to bill as designated in award letter.
7. College Work Study and other University student employment will be paid to the student bi-weekly as work is performed.
8. STUDENTS WHO RECEIVE A NATIONAL DIRECT STUDENT LOAN MUST SUBMIT PROPERLY EXECUTED PROMISSORY NOTES AND ASSOCIATED FORMS. The loan credit cannot be posted to the student's account nor a check disbursed if the student has not turned in these forms.

   Deferments for repaying NDSL loans require that students be registered at least half time: undergraduate students — 6 credits; graduate students — 24 academic units.
9. Students on financial aid who withdraw during a semester will receive a letter of warning advising them that a second such withdrawal may cancel their eligibility for aid in subsequent semesters. Students contemplating a second withdrawal, whether consecutive or non-consecutive, should consult a Financial Aid Counselor prior to the withdrawal.
10. The University will only make adjustments to financial aid awards (due to an increase in the credit hours taken to maintain the required 12 credit hours) until the beginning of the next spring semester for students attending the fall semester and June 30 for students attending the spring semester.

Guaranteed Student Loan (GSL) Information

The normal processing time for a GSL application is 3 to 4 weeks. In order for your GSL check to be available by the Fall 1986 semester payment due date, you should have completed your loan application with your bank 3 to 4 WEEKS PRIOR TO AUGUST 15, 1986. Pending GSL applications and promissory notes may not be substituted in lieu of payment. The University does not have a deferred payment program and payments for students who registered early for the Fall 1986 semester are due on or before August 15, 1986.

Withdrawal from the University

Procedures

Cancellation of Housing/Dining Contracts is a separate process, see Cancellation of Residence and/or a Meal Plan below.

September 2 or later

1. All students should report to Room 1101, North Administration Building to complete a withdrawal form.
2. Withdrawal becomes effective on the date the form is filed with the Records Office. Stopping payment on a check does not constitute an official withdrawal.
3. Tuition credit will be initiated upon receipt of the Withdrawal Form. The percentage of credit is determined by the date the form is filed in the Records Office.
4. Refer to the chart below for refund information. Registration, Health, Athletic, Shuttlebus and Student Union and Recreation Fees are not refundable. A base figure of $698.50 for resident students and $2,136.50 for non-resident students is used in computing the amount of the credit adjustment after August 29. Credit adjustments for housing services not utilized are based upon the date of completion of residence halls checkout procedures and not upon the date of withdrawal from classes.
5. Be certain to return all books to the library and clear all financial accounts at the Office of the Bursar, South Administration Building. Refunds for credit adjustments will be authorized after all student financial aid adjustments have been processed and any balance remaining on the account has been deducted.

Dates for Refund of Tuition for Withdrawal from All Courses*

		Resident	*Non-resident*
On or before August 29	100%	$800.50	$2,238.50
September 2-15	80%	558.80	1,790.80
September 16-22	60%	419.10	1,343.10
September 23-29	40%	279.40	895.40
September 30-October 6	20%	139.70	447.70
October 7 and later	0%	0.00	0.00

*Students who have made no payment on their account at the time of withdrawal will be billed according to the above schedule.

In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.

Meal Plan Rates 1986-87* + Credit Adjustment

Week #	*Fall '86*	*Spring '87*	*19*	*15*	*10*	*Point*	*Suite Point*
1	8/31- 9/6	1/25- 1/31	$812.50	$757.50	$700.00	$757.50	$400.00
2	9/7 - 9/13	2/1 - 2/7	761.72	710.16	656.25	712.66	377.50
3	9/14- 9/20	2/8 - 2/14	710.94	662.82	612.50	667.82	355.00
4	9/21- 9/27	2/15- 2/21	660.16	615.48	568.75	622.98	332.50
5	9/28-10/4	2/22- 2/28	609.38	568.14	525.00	578.14	310.00
6	10/5 -10/11	3/1 - 3/7	558.60	520.80	481.25	533.30	287.50
7	10/12-10/18	3/8 - 3/14	507.82	473.46	437.50	488.46	265.00
		Spring Break					
8	10/19-10/25	3/22- 3/28	457.04	426.12	393.75	443.62	242.50
9	10/26-11/1	3/29- 4/4	406.26	378.78	350.00	398.78	220.00
10	11/2 -11/8	4/5 - 4/11	355.48	331.44	306.25	353.94	197.50
11	11/9 -11/15	4/12- 4/18	304.70	284.10	262.50	309.10	175.00
12	11/16-11/22	4/19- 4/25	253.92	236.76	218.75	264.26	152.50
13	11/23-11/26	4/26- 5/2	203.14	189.42	175.00	219.42	130.00
	Thanksgiving						
14	11/30-12/6	5/3 - 5/9	152.36	142.08	131.25	174.58	107.50
15	12/7 -12/13	5/10- 5/16	101.58	94.74	87.50	129.74	85.00
16	12/14-12/20	5/17- 5/23	50.80	47.40	43.75	84.90	62.50

Calculation:

19 Meal Plan = $50.78 × number of weeks + 2 cents.
15 Meal Plan = $47.34 × number of weeks + 6 cents.
10 Meal Plan = $43.75 × number of weeks.
Point Meal Plan = $44.84 × number of weeks + 6 cents plus $40.00 base.
Suite Point Meal Plan = $22.50 × number of weeks plus $40.00 base.

$40.00 = Cancellation Charge
$40.00 = Capital Construction Charge

* The Meal Plan Rate Table also identifies the adjustment credit for cancellation of the meal contract. This credit will be in the amount identified for the first complete week after the cancellation has been approved by the Department of Dining Services.

Cancellation of Residence Halls and/or a Meal Plan

Charges for Room and Board are not refundable unless the student officially withdraws or is dismissed from the University and effectively completes **Residence Halls and/or Dining Services release procedures.** When the student completes the residence hall release procedures, charge adjustment will be computed based upon the requested release date and/or the date procedures for checking out of a room assignment are completed. Credits for housing services are made on a pro rata weekly basis.

In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.

1. In order to receive a credit adjustment for the unused portion of a Resident Life or Dining Service Agreement, a student must notify those offices in writing (Certified Mail suggested) or in person during regular university hours.
2. The Dining Service I.D. Card must be turned in to the Dining Service Business Offices or $15.00 fine will be incurred.
3. A student who requests cancellation of his/her Dining Services Agreement must have the approval of the Department of Dining Services. If approved, there will be a $40.00 charge for cancelling the contract in addition to the prorated charge for meals.
4. The addresses of the Resident Life Department and Dining Services Office follow:

   Assignments Office
   Department of Resident Life
   Room 3117
   North Administration Building
   College Park, MD 20742

   Contract Office
   Dining Services
   Room 0144
   South Campus Dining Hall
   College Park, MD 20742
5. Resident Life credit adjustments are based upon the date written notice of cancellation is received by Resident Life, and the checkout date from the residence hall and in accordance with the applicable procedures outlined in the Residence Halls Agreement. No credit adjustments may be processed after the fourteenth week of classes in a semester.

On-Campus Housing Credit Adjustment Schedule

Date Cancellation Notice Received by Resident Life	*Financial Obligation To Resident Life*
August 5 or before	No financial obligation
August 6-11	1 week's housing = $ 61.44
August 12-18	2 weeks' housing = $122.88
August 19-25	3 weeks' housing = $184.31
August 26 and prior to check-in	4 weeks' housing = $245.75
After check-in	Consult Residence Halls Agreement

On-Campus Weekly Housing Charges 1986-87

Week Entered/Leaving Residence Halls	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Entered — Amount Charged	$983.00	921.56	860.13	798.69	737.25	675.81	614.38	552.94	491.50	430.06	368.63	307.19	245.75	184.31	122.88	61.44
Leaving — Amount Credited*	$921.56	860.12	798.68	737.25	675.81	614.37	552.93	491.50	430.06	368.62	307.18	245.75	184.31	122.88	**	**

* Amount credited for a resident who departs his/her room assignment after written notice has been received by Resident Life four weeks before the actual departure date.
** No credits will be made after the fourteenth week of classes.

Refund Requests

To Obtain A Refund: To obtain a refund of a credit balance, a STUDENT must request the refund in writing. This can be done by: (1) addressing a letter to: Office of the Bursar, University of Maryland, College Park, Md. 20742, or (2) completing a request for refund form available at the Student Counter, 1103 South Administration Building and Records or Registrations Office, North Administration Building. NO CREDIT BALANCE IS AUTOMATICALLY REFUNDED. Approximately five to six weeks is required from the time a credit balance appears on the account and a refund request is received until a check is mailed from The State Treasurer's Office in Annapolis. THE CHECK WILL BE MADE PAYABLE TO THE STUDENT and mailed to the address requested by the student on the refund form. Refund checks will not be mailed to a campus address.

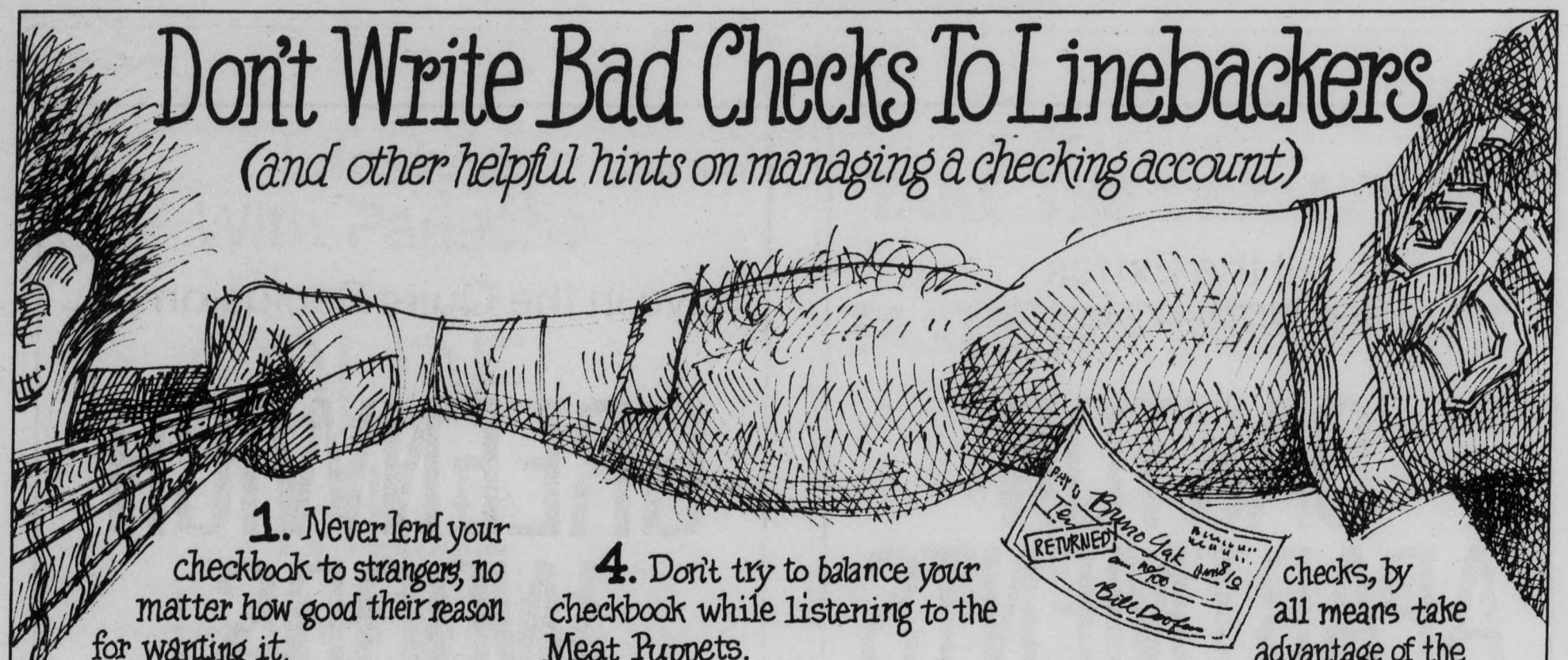
Refunds for Special Courses

CHEM 001, COOP 208/209, ENCO 408/409, ENGL 001, MATH 001 — Refunds: A part-time or full-time undergraduate who drops MATH 001, ENGL 001, or CHEM 001 will receive an 80% refund of the special fee if the course is dropped during the first five (5) days of classes and 0% thereafter. MATH 001, ENGL 001, or CHEM 001 will still be counted in the determination of hours for full-time or part-time status, notwithstanding the refund policy.

A part-time or full-time undergraduate student who drops COOP 208, 209, or ENCO 408, 409 will receive an 80% refund of the fee if the course is dropped during the first five (5) days of classes and 0% thereafter.

Don't Write Bad Checks To Linebackers.

(and other helpful hints on managing a checking account)



1. Never lend your checkbook to strangers, no matter how good their reason for wanting it.

2. Never apply for a loan wearing a T-shirt that says, "Die, Capitalist Pigs".

3. Don't try to open an account at 3 am. It's too hard to explain to the authorities, and besides, Sovran Bank's College Park Office offers extended hours from August 25th to 29th:

8:30 am – 4 pm

(2–4 pm for opening new accounts)

4. Don't try to balance your checkbook while listening to the Meat Puppets.

5. In the midst of your checking frenzy, don't forget to build up savings. A simple way to do this is to win a $100 savings bond from Sovran Bank. Check in the lobby for details.

6. Don't bother trying to use the pens attached to little chains in the bank lobby. They're just there for show.

7. If a bank is foolhardy enough to offer a coupon saving you $5 on checks, by all means take advantage of the poor saps (not that a bank in its right mind would do such a thing).

$5 OFF

Present this coupon for $5.00 off your first check order when opening a new Sovran Bank checking account. Expires September 12, 1986.

SOVRAN BANK®
Sovran Bank/Maryland
7370 Baltimore Ave., College Park, MD 20740, 454-8412

©1986 Sovran Financial Corporation Member FDIC.

FOOD COOP

CUSTOM MADE SANDWICHES

Fall Semester Hours

	AM – PM
Mon	7:30 – 6:00
Tues	7:30 – 9:30
Wed	7:30 – 9:30
Thurs	7:30 – 9:30
Fri	7:30 – 8:00
Sat.	11:00 – 8:00
Sun.	12:00 – 3:00

YOU CAN VOLUNTEER FOR LUNCH!

STUDENT UNION BASEMENT

HOFF THEATRE	Info Desk
FOOD CO-OP *	BOOK STORE

* 454-5868/8824

Adelphi

All the Extras
for Nothing Extra

OAKTON APARTMENTS

Wall-to-wall Carpeting
Spacious Rooms
Newly Remodeled Kitchens
Swimming Pool
Wooded Grounds
Solid Construction
Minutes to
University of Maryland
Close to Metro, School,
Shopping & Churches

ALL UTILITIES INCLUDED

434-4303

1, 2, & 3 Bedroom Apartments

Open Daily 9-6
Sunday 12-5

Directions: Capitol Beltway to Exit 28-B (New Hampshire) to second light (Adelphi Rd.) left on Adelphi. Proceed 1½ blocks to rental office at 9408 Adelphi.

Management by Dreyfuss

Silver Spring

Live in the Quiet Seclusion Of

GREENWICH WOODS

Wall-To-Wall Carpeting
Washer/Dryer
Fully Equipped Kitchens
Large Ranch Rooms With
Bay Windows
Beautifully Landscaped
Community w/swimming
pool & playground
HBO Available.

NEAR: Beltway, Schools, Churches, Metro, Shopping & University of Md.

434-0025

1, 2, 3 Bdrm. Apts.
Some w/Dens

Open Daily 9-6,
Sunday 12-5

Directions: Take Capitol Beltway to New Hampshire Ave. (Exit 28-B). Proceed to 1st traffic light. Turn left on Oakview Dr. 1 block to Greenwich Woods.

Quality Built by Artery Org.
Management by Dreyfuss

Calverton

Lifestyle
With Panache

OLDE MILL LANDING

GREAT LOCATION
Just off I-95 & Beltway

IMMEDIATE OCCUPANCY

Efficiencies, 1, 2 & 3 Bedroom
Apartments Available

Outstanding Features:

- All new kitchens with all new appliances
- Washer/dryer in garden apts.
- Wall-to-wall carpet
- Pool & community room
- HBO available
- Short-term leases — efficiencies only
- High-rise and garden apartments

Convenient to schools,
shopping, restaurants.
5 minutes from Beltway & I-95

572-4600

Monday-Saturday 9-6 pm. Sunday 12-5 pm.

Directions: From Beltway I-95 North to Calverton exit (Rt. 212W). Take Calverton exit & continue to Beltsville Dr. just past the Calverton Shopping Center. Turn right on Beltsville Dr. to Olde Mill Landing on left at windmill.

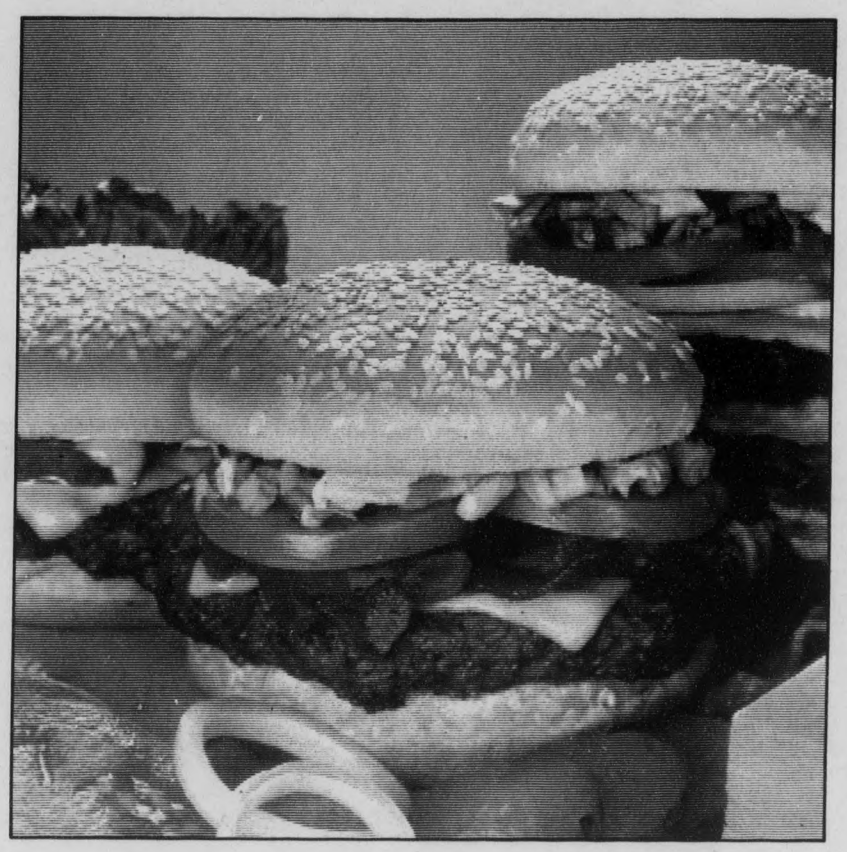
Equal Housing Opportunity Management by Dreyfuss

TAKE THE CHALLENGE.

TASTE THE DIFFERENCE.

Hardee's new ¼ lb.* burgers.

Closer than ever to homemade.™



It wasn't easy. We set out to make our new ¼ lb. burgers look and taste every bit as delicious as the burgers you make at home. And now, we're closer than ever.

Every ¼ lb. Cheeseburger, Big Deluxe™ Burger and Bacon Cheeseburger is made a whole new way. We use only 100% American Beef. It's a lot fresher than the imported stuff some places use. And we form our patties more gently to keep in more natural juices. Then we grill them to perfection using less heat so they cook up thicker and juicier. All this to bring you the most succulent burger around.

So come into your nearest participating Hardee's. Take the challenge. See for yourself just how close to homemade our new ¼ lb. burgers taste.

Go ahead. Take a bite. Make your day.

Hardee's®
A little closer to home.™

*Pre-cooked weight © 1986, Hardee's Food Systems, Inc.

$1.59
Sausage and Egg Biscuit,
Hash Rounds,
Regular Coffee
OFFER EXPIRES: 9-17-86

$2.79
Bacon Cheeseburger,
Large Fry,
Large Beverage
OFFER EXPIRES: 9-17-86

General Information

Final Examination Schedule Fall Semester 1986

Final examinations for the Fall Semester will be given in the regular classrooms according to the following time schedule, which is arranged on the basis of the time of the lectures in most classes. Please note Sections 1 and 2 below concerning final examinations for certain courses.

Examination Time	*Classes Scheduled*
December 15, Monday	
8:00-10:00	MWF 10
10:30-12:30	ECON 203, 430 ENES 221 HLTH 150
1:30- 3:30	BMGT 220, 340 GERM 101, 102, 103, 104 PHYS 262, 263 SPAN 204
4:00- 6:00	MWF 4
7:00- 9:00	TuTh 1
December 16, Tuesday	
8:00-10:00	MWF 9
10:30-12:30	BMGT 311, 424 EDMS 451 FREN 101, 102, 103, 104 PHYS 121, 161
1:30- 3:30	BMGT 310, 422, 440 CHEM 001, 103, 104, 105, 111, 113, 233, 235, 243, 481
4:00- 6:00	TuTh 11
7:00- 9:00	ECON 201, 205
December 17, Wednesday	
8:00-10:00	MWF 11
10:30-12:30	CMSC 103, 112 ENES 101, 220
1:30- 3:30	MATH 001, 110, 111, 115, 140, 141, 210, 211, 220, 221, 240, 241, 246 STAT 100
4:00- 6:00	TuTh 9
7:00- 9:00	TuTh 3

Examination Time	*Classes Scheduled*
December 18, Thursday	
8:00-10:00	MWF 1
10:30-12:30	ASTR 100 BMGT 364
1:30- 3:30	PSYC 100
4:00- 6:00	TuTh 2
7:00- 9:00	TuTh 5 and later
December 19, Friday	
8:00-10:00	MWF 2
10:30-12:30	ENEE 420 ZOOL 101, 201
1:30- 3:30	BMGT 301, 302 ENES 110 ITAL 101, 102
4:00- 6:00	TuTh 8
December 20, Saturday	
8:00-10:00	MWF 12
10:30-12:30	TuTh 10
1:30- 3:30	BMGT 332 SLAV 101, 104
4:00- 6:00	TuTh 4
December 22, Monday	
8:00-10:00	MWF 8
10:30-12:30	MWF 3
1:30- 3:30	TuTh 12
4:00- 6:00	ENEE 488F,620
7:00- 9:00	MWF 5 and later

1. Final examinations for all sections of the following courses are given at the times listed in the above schedule. Note that these exam times do not depend on the hour or day at which the particular section meets. The rooms in which these examinations will be held will be announced in class.

ASTR 100
BMGT 220, 301, 302, 310, 311, 332, 340, 364, 422, 424, 440
CHEM 001, 103, 104, 105, 111, 113, 233, 235, 243, 481
CMSC 103, 112,
ECON 201, 203, 205, 430
EDMS 451
ENEE 420, 488F, 620
ENES 101, 110, 220, 221
FREN 101, 102, 103, 104
GERM 101, 102, 103, 104
HLTH 150
ITAL 101, 102
MATH 001, 110, 111, 115, 140, 141, 210, 211, 220, 221, 240, 241, 246
PHYS 121, 161, 262, 263
PSYC 100
SLAV 101, 104
SPAN 204
STAT 100
ZOOL 101, 201

2. Final examinations for courses scheduled for 75-minute periods on Tuesday and Thursdays, exclusive of the courses listed in Section 1 above, will be given according to the following schedule:

Class Scheduled		Examination Time	
Tu Th 8:00- 9:15	Friday	Dec. 19	4:00 p.m.- 6:00 p.m.
Tu Th 9:30-10:45	Wednesday	Dec. 17	4:00 p.m.- 6:00 p.m.
Tu Th 11:00-12:15	Tuesday	Dec. 16	4:00 p.m.- 6:00 p.m.
Tu Th 12:30- 1:45	Monday	Dec. 22	1:30 p.m.- 3:30 p.m.
Tu Th 2:00- 3:15	Thursday	Dec. 18	4:00 p.m.- 6:00 p.m.
Tu Th 3:30- 4:45	Wednesday	Dec. 17	7:00 p.m.- 9:00 p.m.

3. Final examinations for BMGT courses numbered 600 and above do not follow the schedule outlined in Sections 1 & 2 above, but are given instead according to the schedule listed below, and are subject to the general guidelines outlined in Notes A, B, & C. The rooms in which these examinations will be held will be announced in class.
   A. Examination times for required MBA courses taught at night are based on the time the course normally meets irrespective of course number.
   B. Examination times for required MBA courses that are taught during the day are based on course number irrespective of the time the course normally meets.
   C. Examination times for all BMGT courses numbered 600 and above exclusive of those governed by notes A & B above are based on the time the course normally meets.

Examination Time	*Classes Scheduled*
December 15, Monday	
9:00-12:00	BMGT 650
1:00- 3:00	M 1:00-3:40
4:00- 7:00	M 4:00-6:40
7:00-10:00	M 6:00-8:40 M 7:00-9:40
December 16, Tuesday	
9:00-12:00	BMGT 660, 680
12:00- 3:00	Tu 11:00-1:40
4:00- 7:00	Tu 6:00-8:40
7:00-10:00	Tu 7:00-9:00 Tu 7:00-9:40
December 17, Wednesday	
9:00-12:00	MW 9:00-10:15 MW 10:30-11:45
1:00-3:00	MW 12:00- 1:15 W 12:30- 3:00
4:00- 7:00	W 3:30- 6:10 W 5:00- 7:40
7:00-10:00	W 7:00- 9:40

Examination Time	*Classes Scheduled*
December 18, Thursday	
9:00-12:00	BMGT 610, 620 TuTh 11:00-12:15
12:45- 3:45	TuTh 12:30- 1:45
4:00- 7:00	TuTh 3:30- 4:45
7:00-10:00	Th 7:00- 9:40
December 19, Friday	
9:00-12:00	BMGT 670
December 20, Saturday	
9:00-12:00	BMGT 630, 672

I. Academic Dishonesty

A. CHEATING

Intentionally using or attempting to use unauthorized materials, information or study aids in any academic exercise.

Comments:
1. Students completing any examination should assume that external assistance (e.g., books, notes, calculators, conversation with others) is prohibited unless specifically authorized by the instructor.
2. Students must not allow others to conduct research or prepare any work for them without advance authorization from the instructor. This comment includes, but is not limited to, the services of commercial term paper companies.
3. Substantial portions of the same academic work may not be submitted for credit or honors more than once without authorization.

B. FABRICATION

Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.

Comments:
1. "Invented" information may not be used in any laboratory experiment or other academic exercise without notice to and authorization from the instructor.
2. One should acknowledge reliance upon the actual source from which cited information was obtained.
3. Students who attempt to alter and resubmit returned academic work without notice to the instructor would be in violation of this section.

C. FACILITATING ACADEMIC DISHONESTY

Internationally or knowingly helping or attempting to help another to commit an act of academic dishonesty.

D. PLAGIARISM

Intentionally or knowingly representing the words or ideas of another as one's own in any academic exercise.

Comments:
1. *Direct Quotation:* Every direct quotation must be identified by quotation marks or by appropriate indentation and must be promptly cited in a footnote. (Proper footnote style for many academic departments is outlined by the MLA Style Sheet or K.L. Turabian's, *A Manual for Writers of Term Papers, Thesis and Dissertations).*
2. *Paraphrase:* Prompt acknowledgement is required when material from another source is paraphrased or summarized in whole or in part in your own words.
   A footnote acknowledging only a directly quoted statement does not suffice to notify the reader of any preceding or succeeding paraphrased material.
3. *"Borrowed Facts or Information:* Information obtained in one's reading or research; which is not common knowledge among students in the course, must be acknowledged.
   Materials which contribute only to one's general understanding of the subject may be acknowledged in the bibliography and need not be immediately footnoted.

ACADEMIC DISHONESTY IS A SERIOUS OFFENSE WHICH FREQUENTLY RESULTS IN SUSPENSION OR EXPULSION FROM THE UNIVERSITY

TO REPORT ACADEMIC DISHONESTY DIAL 454-4746 AND ASK FOR THE "CAMPUS ADVOCATE"

STUDENTS ACCUSED OF ACADEMIC DISHONESTY SHOULD REQUEST A COPY OF THE DOCUMENT "PREPARING FOR AN ACADEMIC DISHONESTY HEARING", AVAILABLE IN THE JUDICIAL PROGRAMS OFFICE (454-2927)

Change of Address Procedure

Change in either local mailing or permanent address can be processed AT ANY TIME DURING THE SEMESTER IN WHICH THEY OCCUR. Address changes are posted to the computer by the Office of the Bursar. Address Change Forms are available at the following places:

1. Office of the Bursar, Address Unit, South Administration Building, Room 1121 or 1103, 8:30 a.m. to 4:15 p.m., Monday-Friday.
2. Registration Counter, North Administration Building, First Floor Lobby, 8:30 a.m.-4:30 p.m. Monday through Friday.
3. Deans' Offices, 8:30-4:30 p.m., Monday-Friday

Since many University communications to students are handled through the mail, it is imperative that accurate and up-to-date addresses be maintained throughout the enrollment period. During the academic year the permanent address for currently registered students will be used for grade reports, combined early registration schedules and bills, and other billings. The local address on file for currently registered students will be used for all other mailings. The permanent address on file for students not currently registered will be used for all mailings. Any student wishing his/her address to be kept confidential should contact the Registration Counter.

All requests for non-disclosure of information will be implemented as soon as publication schedules will reasonably allow. The University will use its best efforts to maintain the confidentiality of those categories of information which a student properly requests not be publicly disclosed. The University, however, makes no representations, warranties or guarantees that information designated for non-disclosure will not appear in public documents.

Change of Name Procedure

A change of name can be processed at any time during the semester in which it occurs. Name Change forms are available at the Registration Counter, North Administration Building, First Floor Lobby, 8:30 a.m.-4:30 p.m., Monday-Friday. Proof of name change (court order, marriage license, driver's license) must be submitted with name change form.

Commencement Honors

Honors for excellence in scholarship are determined by the highest 2% Summa Cum Laude, the next 3% Magna Cum Laude, and the following 5% Cum Laude of the G.P.A.'s of the preceding three graduating classes of each degree granting unit. To be eligible for this recognition, a total of at least 60 semester credits earned at the University of Maryland is required. Of these 60 credits, at least 30 credits must have been earned at the College Park campus. No student with an average less than 3.00 will be considered. (The computation of the average does not include grades for courses taken during the last semester of registration before graduation, although the hours earned for that semester will apply toward the 60-hour requirement.)

Computer Science Center

Non-Credit Short Courses (Fall 1986)

Attend a *free* "Introduction to the Computer Science Center." One-hour orientation to the Computer Science Center seminar for new and potential computer users. No need to register; held during October. Look for dates and times in the Diamondback.

The Computer Science Center and Computer Science Department will hold their Fall 1986 series of non-credit computer short courses beginning in October. These courses are designed to provide an opportunity for the University of Maryland community to gain familiarity with the use of computers. Call the Program Library, X4261 for more information.

Disabled Student Services

Special assistance is available for students with disabilities. Among the services offered are: assistance with registration, reader services, interpreter services, and classroom accessibility information. Students should contact the D.S.S. office at the earliest possible opportunity prior to the registration period so that services can be arranged in advance.

454-5028 (voice)
454-5029 (TDD)

Contact the Disabled Student Service Office in the Counseling Center, Shoemaker Hall, Room 0126, 8:30 to 4:30 Monday through Friday.

Italian-American Cuisine

Delicious Pizza

Banquet & Party Facilities Available

COCKTAIL LOUNGE

PACKAGE STORE

CARRY-OUT

Reservations or Take-Out

772-2100

6221 ANNAPOLIS RD.

the Italian Inn

Rt. 450. Across from Capital Plaza Shopping Center

Buy & Sell Books

at

ALPHA PHI OMEGA'S

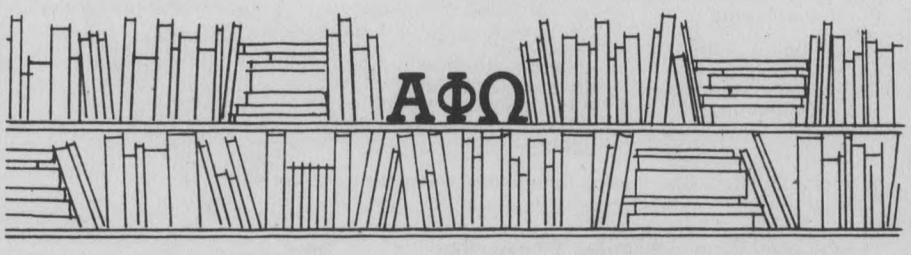
★ USED BOOKSTORE ★

Sell at your Own Prices!!

Buy at much Lower Prices!

Room 0124 Stamp Union

From 9-5 Aug. 30-Sept. 9



Interested in Alpha Phi Omega?

We're a CO-ED service fraternity

ΑΦΩ x3308

Room 3111 S.U.

Silver Spring

5% Student Discount

on 3 bedroom apts.

THE POINT APARTMENTS

All Adult Community

Minutes from Campus

Spacious Rooms

24 hr. Courtesy Patrol

24 hr. Maintenance

Larger than Olympic Size Pool

Tennis Courts/ Basketball Courts

Valet in Every Building

Convenience Store/Deli

Food Delivery on Premises

Public Transportation in Front

Close to Metro

HBO Available

Parkay Floors or Wall to Wall Carpet Available

ALL UTILITIES INCLUDED

593-2700

Eff., 1, 2 & 3 Bedroom Apartments

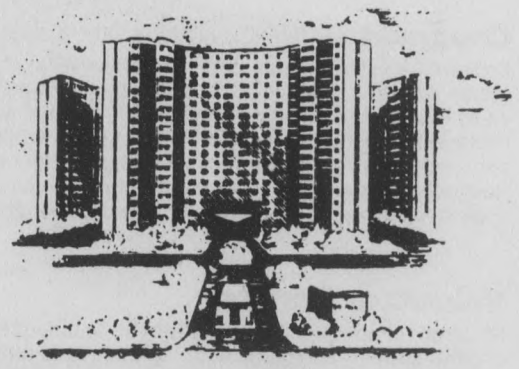
Open Daily 9-5

Saturday 10-5

Sunday 1-5

THE POINT

An All Adult Community



11215 OAKLEAF DRIVE, SILVER SPRING, MD

(Just off Rte. 29)

DIRECTIONS: Beltway, 495 to 29N, toward Columbia. Approx. 2½ miles, turn right on Oakleaf Dr., left onto the property.

Management by Krupp Assoc.

Emergency Weather Conditions

Code GREEN — Campus is open. All classes will start on time.

Code YELLOW — Campus opens two hours late. All classes scheduled to start prior to 10:00 a.m. are cancelled.

Code ORANGE — All classes are cancelled.

Code RED — The campus is closed. All classes are cancelled and all offices are closed.

Stations Designated to Broadcast Emergency Condition Reports

Radio Station	*Frequency*	*Location*	*TV Station*	*Channel*	*Location*
WTOP	1500 AM	D.C. Area	WRC	4	D.C. Area
WRC	980 AM	D.C. Area	WJLS	7	D.C. Area
WMAL	630 AM	D.C. Area	WDVM	9	D.C. Area
WCLY	95.5 FM	D.C. Area	WMAR	2	Baltimore Area
WGMS	103.5 FM	D.C. Area	WJZ	13	Baltimore Area
WBAL	1090 AM	Baltimore Area	WBAL	11	Baltimore Area
WCAO	600 AM	Baltimore Area			

Engineering Jobs Hotline — 454-7676

This is a listing of currently available part-time, off- and on-campus engineering jobs paying various hourly rates. The line is in operation 24 hours a day. Call **454-7676.**

Experiential Learning Programs

0119 Hornbake Undergraduate Library, 454-4767

Experiential Learning Programs (ELP) offers four of the University's most exciting learning opportunities — internships, cooperative education, volunteer service, and student exchange. Each is designed to give students "hands-on" experience that can help students integrate classroom learning with practice, provide valuable on-the-job experience, make professional contacts, observe career fields first-hand, experience different educational, work and cultural environments and clarify personal and professional goals.

Internships

An internship is a paid or unpaid work experience with specific educational objectives that can be granted academic credit. Students can use extensive ELP listings, which include more than 1700 opportunities in more than 900 organizations, businesses and agencies to identify possible internships. Directories and catalogues are also available in the ELP office which describe hundreds of other local and national positions. In addition, the ELP staff can show students how to investigate and design unique internship opportunities which might not be listed in our files. Once students have found a placement, they can enlist a full-time faculty member to provide sponsorship for academic credit.

Internship Credit Policies for ___ 386 / ___ 387

Students can earn academic credit for their internship experience through departmental internships or through the campus-wide internship courses ___ 386 Field Experience and ___ 387 Analysis of Field Experience. The following are Campus Senate Policies regarding ___ 386 / ___ 387:

- ___ 386 and ___ 387 may be taken by any student with the permission of a full-time faculty member, **if** it is a departmental option and in accordance with departmental requirements and internship policies.
- ___ 386 and ___ 387 must be taken concurrently.
- ___ 386 and ___ 387 may be taken for a letter grade or pass-fail.
- ___ 386 and ___ 387 are variable credit courses. Each may be awarded from 1-3 credits with a maximum of 6 credits for the two courses combined, unless otherwise stipulated by departmental policy.
- ___ 386 and ___ 387 may be taken only once in a given department.
- ___ 386 and ___ 387 may be taken in only one department per semester.
- ___ 386 and ___ 387 may be taken for a maximum of 24 credits in an undergraduate program.

Mandatory Learning Proposals

Learning Proposals, which can be obtained in the ELP office, are **mandatory** for all students taking ___ 386 Field Experience and ___ 387 Analysis of Field Experience. The Learning Proposal is a learning contract that spells out and clarifies the nature of a student intern's placement, learning objectives, specific responsibilities, supervision, in-service training, method of evaluation, and contact with the faculty sponsor. The process for developing a Learning Proposal is intended to include the student, faculty sponsor and the on-site supervisor, all of whom must sign the finished proposal before it is returned to ELP.

Students must have Learning Proposals completed and copies to ELP, faculty sponsors and on-site supervisors, no later than the third week of the semester. If the Learning Proposal is not completed, the student may have his/her ___ 386 / ___ 387 credit removed. It is, however, highly recommended that the Learning Proposal be completed before a student registers for ___ 386 / ___ 387. Thus, the student, faculty sponsor and on-site supervisor can be in agreement about the expectations of the internship experience prior to registration.

Cooperative Education for Liberal Arts and Business

Cooperative Education is the most intensive form of experiential learning. Students alternate two semesters of full-time paid employment with semesters of full-time study. Some part-time co-op opportunities are also available. Co-op employees include hundreds of agencies within the federal government and leading private organizations. Most co-op students are then offered permanent positions after graduation. Sign-up for one of our weekly information sessions to learn how co-op can help you earn a future while you earn a degree! But remember, you need to apply a full semester in advance of when you would like to co-op, so stop by today!

Volunteer Service

Students can learn while being of service to others as a student volunteer. The ELP office lists opportunities for community and public service in a variety of settings. Students are encouraged to incorporate some volunteer service as part of their undergraduate experience.

National Student Exchange Program (NSE)

The National Student Exchange Program offers UMCP students the opportunity to study at 75 participating public colleges and universities across the country. UMCP students pay Maryland tuition and fees and exchange with a student wishing to come to College Park for a semester or a year. NSE offers the opportunity to explore new geographical settings, experience academic diversity, and study under different educational and social circumstances in various parts of the U.S.

Golden Identification Card Program

The College Park campus participates in the University of Maryland's Golden Identification Card Program. The campus makes available various courses and services to persons who are 60 years of age or older by the first class day, residents of the State of Maryland and retired (not engaged in gainful employment for more than 20 hours per week). When persons eligible for this Program apply, or are newly admitted to the Program, they may register for credit courses as regular or special students in any session.

Tuition and most other fees are waived. The Golden Identification Card entitles eligible persons to certain academic services, including the use of the libraries, free admission to UMCP athletic events, as well as certain other non-academic services. Such services are available during any session only to persons who have registered for one or more courses for that session. A card is issued after registration.

Golden I.D. students also have the opportunity to become involved in the Golden I.D. Student Association which provides cultural and social events, course recommendations, and peer advising.

For further information, please contact the Registrations Office, North Administration Bldg., 454-5559, or the Golden I.D. Student Association, Room 1150 Cole Student Activities Bldg., 454-6689.

Guidelines to Administration for Examinations and Tests on Religious Holidays

Examinations and tests. All examinations and tests shall be given during class hours in accordance with the regularly scheduled (or officially "arranged") time and place of each course listed in the *Schedule of Classes and/or the Undergraduate Catalog*. Unpublished changes in the scheduling or location of class/tests must be approved by the department chairman and reported to the Dean. It is the responsibility of the student to be informed concerning the dates of announced quizzes tests and examinations

It is the policy of the University to excuse the absences of students that result from religious observances and to provide without penalty for the rescheduling of examinations that fall on religious holidays. Examinations and tests may not be scheduled on Rosh Hashannah, Yom Kippur, or Good Friday. An instructor is not under obligation to give a student a make-up examination unless the absence was caused by illness, *religious observance* or by participating in University activities at the request of University authorities, or compelling circumstances beyond the student's control. In cases of dispute the student may appeal to the Chair of the department offering the course, *within one week from the date of the refusal of the right to take a make-up exam.*

A make-up examination, when permitted, must be given on Campus, unless the published schedule and course description require other arrangements. The make-up examination must be at a time and place mutually agreeable to the instructor and student, cover only the material for which the student was originally responsible, and be given while the material is still current. The make-up must not interfere with the student's regularly scheduled classes. In the event that a group of students require the same make-up examination, one make-up time may be scheduled at the convenience of the instructor and the largest possible number of students involved. Under the same guidelines students shall have equal access to all information and drills missed due to the reasons listed.

Health Center

Check out the Health Center located directly across from the Stamp Union on Campus Drive for primary care of illness and injury, health promotion and maintenance, consultation or education. Health Center services include the dental clinic, men's clinic, women's clinic, skin care, sports medicine, physical therapy, nutrition counseling, mental health, social services, laboratory, and a pharmacy. Individual and group health education programs are also available on topics such as sexual health, stress management and substance use and abuse.

The Health Center is open 24 hours, seven days a week. Hours vary during semester breaks and holidays. Appointments are recommended. Students, however, are also seen on a walk-in basis. Some problems may require referral outside the Health Center at the student's expense.

Currently registered students who have paid the health fee are eligible for care. This fee covers most routine costs. There are additional charges for special services such as X-ray, laboratory tests, dental treatment, allergy injections, casts, and pharmacy supplies.

All information in student medical records is confidential. Medical information is released only with the student's written permission or court-ordered subpoena. The Health Center does not issue routine absence excuses for illness or injury. In cases of prolonged absence or a missed exam, with the student's signed permission, the Health Center will verify dates of treatment.

Health Center telephone numbers to remember: information X3444, appointments X4923, mental health service X4925, pharmacy X6439, health insurance X6750, health education X4922.

UMCP Human Relations Code

THE UMCP HUMAN RELATIONS CODE PROHIBITS DISCRIMINATION WITHIN THE COLLEGE PARK COMMUNITY ON THE BASES OF:

- race
- color
- creed
- sex
- age
- marital status
- national origin
- personal appearance
- political affiliation
- mental or physical handicap
- the exercise of the rights secured by the First Amendment of the United States Constitution, such as the right to assemble peacefully, freedom of speech, including the expression of sexual preference.

If you feel you have been subjected to any form of discrimination, you may file a complaint with a member of the Human Relations Code Equity Team:

MS. GLADYS BROWN, J.D.
Campus Compliance Officer
UMCP Human Relations Programs
1107 Hornbake Library
X4707

MS. MAITLAND W. DADE
Asst. to the Vice Chancellor
Office of Institutional Advancement
2101 Turner Laboratory
X4198

MS. SHARON FRIES
Administrative Assistant
to the Vice Chancellor
Office of Student Affairs
2108 North Administration Building
X2926

DR. MARIE DAVIDSON
Assistant Vice Chancellor
Office of Academic Affairs
1119 Main Administration Building
X2052

MR. LAWRENCE WATERS
Director of Equity Programs
Office of Administrative Affairs
1126 Main Administration Building
X4841

NOTE: For individual college or school representatives contact the appropriate office.

Identification Cards

New Photo Identification Cards will not be issued to students who currently have them.

Students who registered early for the Fall 1986 session will receive a new Registration Card along with their Class Schedule and Bill. This card will validate their Photo Identification Card. Both cards should be carried at all times.

Students who have not registered will receive identification cards when they do register.

Together the Photo Identification Card and Registration Card can be used by all students to withdraw books from the libraries, for admission to most athletic, social, and cultural events, and as a general form of identification on campus. Students who have food service contracts must use the Photo Dining Services Card for admission to the dining halls.

There is a replacement charge of $1.00 for lost or stolen Registration Cards and $7.00 for lost, stolen, or broken Photo Identification Cards.

Questions concerning the identification system should be addressed to the Office of Registrations (454-5365).

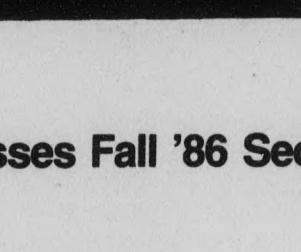
WE'RE HERE FOR YOU!

Adele H. Stamp Union

THE TICKET OFFICE
X2803

MON–FRI
10:00 a.m.–4:30 p.m.
SAT
9:00 a.m.–12:00 noon

THE OUTHAUS
X2186



MON–FRI
10:30 a.m.–8:00 p.m.

THE RECORD COOP
X5855

MON-THUR
9:30 a.m.–9:00 p.m.
FRI
9:30 a.m.–8:00 p.m.
SAT–SUN
12:00 noon–5:00 p.m.

THE UNION SHOP
X5928

MON-THUR
7:30 a.m.-7:30 p.m.
FRI
7:30 a.m.–5:00 p.m.
SAT
11:00 a.m. –5:00 p.m.

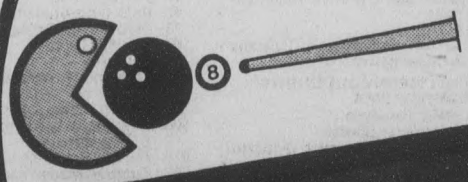
THE CRAFT CENTER
X4754

MON–THUR
11:00 a.m.–9:00 p.m.
FRI–SAT
12:00 noon –5:00 p.m.
Membership & hourly rate available

THE UNION FLOWER SHOP
X5928

MON–FRI
9:30 a.m.–4:30 p.m.

THE RECREATION CENTER
X2804



MON–THUR
8:00 a.m.–10:30 p.m.
FRI–SAT
10:00 a.m.–12:30 a.m.
SUN
12:00 noon–10:30 p.m.

THE HOFF THEATER
X2594

TUES–SUN
7:00 p.m. & 9:30 p.m.
THURSDAY MATINEE
4:00 p.m.
FRI & SAT LATESHOW
12:00 midnight

International Student Information

F-1 Visa Students: Students with F-1 status are responsible for maintaining the regulations of the U.S. Immigration and Naturalization Service pertaining to their F-1 student status. The regulations affect areas concerning extension of stay, transfers, off-campus employment authorization, practical training and course loads. The Office of International Education Services is the only authorized office on campus to sign documents which must be forwarded to the Immigration Service.

Students on Nonimmigrant Student (F-1 and J-1) Visas: In order to maintain full-time student status for immigration purposes, undergraduate students are expected to register for and complete a minimum credit load of 12 hours per semester; graduate students are expected to register for and complete a minimum of 48 graduate units per semester. The Office of International Education Services must be notified in advance if you are going to complete the semester below the required minimum course load. Please watch for announcements from the Office of International Education Services about future changes in Immigration regulations.

Passports: Your passport must be kept valid at all times for at least six months into the future.

All Students on Immigration and Nonimmigrant Visas: Every semester, you are required to notify the Office of International Education Services of any change in your address and/or telephone number, in addition to notifying the Office of Registrations and Records. You will be required to show proof of health insurance.

International Students Information and Questions: The Office of International Education Services, Room 2115, North Administration Building.

Job Referral Service

The Job Referral Service seeks and maintains listings of available part-time, temporary, domestic and summer jobs for students from on- and off-campus employers. Any student who is currently registered for classes at the University of Maryland may use the JRS. Trained peer advisors will give you information about the job openings. It is then your responsibility to contact the prospective employer.

Employers who are seeking student employees can call the JRS at 454-2821, Monday-Friday 9:00 a.m.-4:30 p.m. to list job vacancies. We are located in Room 3120, Hornbake Building (South Wing). Students can call 454-2490 or stop by to make an appointment. During off-peak times, walk-in visits are encouraged.

Learning Assistance Service (LAS)

Located in the University of Maryland's Counseling Center, Shoemaker Building, LAS provides academic support for undergraduate and graduate students and faculty/staff. Areas of support include mathematics, writing, reading, examination skills, note taking, time management, grammar, spelling and vocabulary. Special programs are also offered for returning students, international students and college-bound high school students. Call X2935 for information.

Off-Campus Housing Service

The Office of Commuter Affairs provides a free listing and referral service for all students, faculty and staff of the University who are seeking housing or have a property to rent. The office is located in 1195 Stamp Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m. Extension X3645.

Policy on Non-Discrimination

The University of Maryland is an equal opportunity institution with respect to both education and employment. The University's policies, programs and activities conform to pertinent federal and state laws and regulations on non-discrimination regarding race, color, age, national origin, sex, and handicap. Inquiries regarding compliance with Title VI of the Civil Rights Act of 1964 as amended. Title IX of the 1972 Education Amendments, Section 504 of the Rehabilitation Act of 1973, or related legal requirements should be directed to the appropriate individual designated below.

Campus Compliance Officer and the Director of the Office of Human Relations
Room 1107, Hornbake Library
University of Maryland, College Park
College Park, Maryland 20742

Campus Coordinator for §504 of the Rehabilitation Act of 1973
Room 2101, Main Administration Building
University of Maryland, College Park
College Park, Maryland 20742

Office of Public Service

The Office of Public Service provides information referral to outside callers interested in using the resources of any of the University's five campuses. Help is available to staff and students too. Located in the Institute for Governmental Service, 2101 Woods Hall. Hotline number: 454-3000.

Returning Students Program

Are you 25 or over and beginning or coming back to school after a break in your formal education? If so, the Returning Students Program, located on the second floor of the Shoemaker Building in the Reading and Study Skills Lab, offers you many resources. Come and explore our extensive information and publications network. The Returning Students Program's professional counselors and returning students trained as peer advisors are available to help you. Call 454-2935 or stop by to see us. Our workshops in study skills, time management, goal setting, exam skills, and library skills are scheduled several times during each semester. EDCP 108R — a one-credit College Aims course for returning students is offered Fall and Spring semesters. This course includes exploration of academic, career, and personal goals, as well as study skill techniques and information about campus resources.

Shuttle-UM

Shuttle-UM offers both commuter service and on-campus security service. Shuttlebus service information and schedules can be picked up at the following locations: Stamp Union Information Desk, Commuter Affairs Office in the Stamp Union, and the Shuttlebus Office in Lot 7. For information call X2255.

Skills for Success Workshops

Interpersonal Growth Groups

The Counseling Center offers a skill-building workshop series entitled SKILLS FOR SUCCESS. The SKILLS FOR SUCCESS workshops are designed to help you more effectively meet the demands of your academic work, your career, and your personal relationships. The wide range of topics includes such things as **assertiveness training, career exploration and planning, study skills, time management, stress management, communication skills, and exam skills.**

The Counseling Center also offers interpersonal growth groups which are especially designed to help you increase your skills in initiating, building, and maintaining relationships. In addition, individual counseling, self-help programs, and group counseling are offered dealing with vocational, educational, emotional, social and marital concerns.

If you are interested in any of these programs, please stop by the Counseling Center in Shoemaker Building for program schedules and descriptions. Our receptionists will gladly assist you in registering for the program of your choice.

Smoking Policy

Effective with the Spring 1986 semester, a campus wide smoking policy went into effect. The policy of the College Park campus is to achieve a public environment as close to smoke-free as practicably possible.

The campus smoking policy is comprised of the following guidelines:

Smoking is prohibited in indoor locations where smokers and non-smokers occupy the same area. This includes academic areas such as: classrooms, lecture halls, laboratories, and libraries. Other no smoking areas include: conference rooms, indoor athletic facilities, theatres, retail stores, health facilities, and common/public areas such as: stairwells, elevators, lobbies, hallways, reception areas, and restrooms.

As a general rule, preferential consideration shall be given to non-smokers whenever it is clear that they are being exposed involuntarily to smoke. This policy relies on the thoughtfulness, consideration, and cooperation of smokers and non-smokers for its success. It is the responsibility of all members of the campus community to observe the Smoking Policy and Guidelines, and to direct those who choose to smoke to designated 'Smoking Permitted' areas.

Study Abroad

Study in London — The curriculum consists of courses in the Humanities, Business and the Social Sciences which focus on Britain. Students are housed with families or in flats to increase their immersion in British life.

Study in Israel — Offers a semester of study in Israel for the Spring Semester. The program includes a week long orientation in Tel Aviv and Jerusalem, a kibbutz stay and an intensive Hebrew language course. Students then attend Tel Aviv University where they take courses taught in English that focus on Israeli and Middle East studies.

Study in China — Offers intensive Chinese language at the beginning to advanced levels during a spring semester in Beijing.

Study in Denmark — The curriculum offers courses in English focusing on contemporary Europe. Students housed with families or in dorms.

Study in Brazil — Offers courses in Portuguese at the Pontifical Catholic University of Rio de Janeiro.

Summer programs — For 1987 the following will tentatively be offered: German language in Kassel, West Germany; Architecture in Rome; Architecture in Sri Lanka.

Maryland Exchanges — There are exchanges with schools in China, England, Japan and Germany. All require at least 2 years of appropriate language study and a 3.0 GPA.

FOR INFORMATION, CONTACT: Study Abroad Office, 1113 North Administration Building, 454-8645.

TEL-UM INFO — A Phone Service of Free Information

QUESTIONS ABOUT UM?

. . . Call TEL-UM for the answers to the most commonly asked questions. Easily accessible information and referral to the appropriate person or office for follow-up.

Local 454-INFO / In Maryland (800) 492-0703 / Outside Maryland (301) 454-INFO

CALLING PROCEDURE:

- Select the tape number from the listing which you want to hear.
- Dial the appropriate phone number.
- An operator will answer and ask which tape you wish to hear.
- State the tape number to the TEL-UM operator.
- Listen to the tape.
- If you wish to hear another tape, hang up and dial again.

HOURS OF OPERATION

TEL-UM INFO is available seven days a week, excluding holidays, according to the following schedule:

Monday-Saturday	8:00 a.m.-12:00 midnight
Sunday	12:00 noon-12:00 midnight

ADMISSIONS
1. Application process (Undergraduate students)
400. Application process (Graduate students)
2. Application for Summer Session
3. Transfer of Academic Credit
151. Transfer from MD Community Colleges

ORIENTATION PROGRAM FOR NEW STUDENTS
4. Maryland Preview — Orientation Service for Freshmen, Transfers and Parents of New Students
5. Maryland Preview — Orientation Application Procedures
6. Maryland Preview — Changing Your Orientation Date
7. Advisement and Registration Procedures for Students Unable to Attend Orientation Programs
8. Tours of Campus
9. Campus Activities/Events Available to New Students Prior to Enrollment
10. Campus Size — A Help or a Hindrance?
520. "First Look"

FINANCES
11. Student Fees (Undergraduate Students)
401. Student Fees (Graduate Students)
12. Student Fee Refunds
13. Financial Aid (Undergraduate Students)
402. Financial Aid (Graduate Students)
14. Establishing In-State Residency for Fee Purposes
15. Banking
606. Office of the Bursar/General Information

HOUSING
16. On-Campus Housing — Resident Life Services and Programs
17. On-Campus Housing — Maryland Residents
18. On-Campus Housing — Non-Maryland Residents
19. On-Campus Housing — Overflow
20. Off-Campus Housing — Fraternity and Sorority Boarding
403. Graduate Student Housing
21. Off-Campus Housing Service
22. Off-Campus Housing — Signing a Lease
23. Temporary Housing

FOOD ON CAMPUS
24. Eating on Campus
25. Board Plan Options
26. Special Board Options (Kosher, Vegetarian)

REGISTRATIONS
27. Early Registration
28. Registration during Orientation
29. Armory Registration
30. Changes in Registration (Drop/Add, Cancellation)
79. Student ID Cards
99. Transcript Requests

ACADEMIC SKILLS AND ISSUES
31. Academic Advising
32. Grading and Retention
80. Alternative Grading Options
107. Receiving a Grade of "Incomplete"
84. Academic Probation and Dismissal
83. Withdrawing from/Returning to the University
33. Choosing a Major
34. Changing a Major, College, Division
35. Credit by Examination
81. Honors Program
3. Transfer of Academic Credit
36. Taking Notes
37. Speed Reading
38. When, Where and What to Study
39. Test Anxiety
40. Tutoring Services
41. Reading and Study Skills Laboratory
82. Academic Dishonesty (Cheating, Plagiarism)
123. Academic Dishonesty II (for Faculty and Staff)
42. Special Requirements, College of Business and Management
43. Special Requirements, School of Architecture
44. Special Requirements, College of Engineering
109. Internships and Volunteer Service
121. Cooperative Education (Co-op)
44. On-Campus Opportunities in the Arts
46. Studying Abroad
47. Pre-Professional Programs and Advising
48. Library Facilities
99. Transcript Requests
112. Graduate Entrance Examinations
122. ROTC
500. Advising in Academic Divisions & Departments

ACTIVITIES/INVOLVEMENT/ OPPORTUNITIES
110. Swim Facilities
50. Intramural Sports
51. On-Campus Leisure Opportunities
52. Fraternities and Sororities
53. Opportunities in the Arts
54. Intercollegiate Sports
85. Craft Shop (Student Union)
86. Recreation Center (Student Union)
87. Space Reservations (On-Campus)
88. Ticketron Service
96. Camping Equipment
55. Joining a Student Group
113. Resource Center for Student Organizations
89. Leadership Development Planning Team
90. Leadership Development Course
91. Leadership Workshops (Advanced)
98. Student Government
95. Alumni Association
114. Parent Association

CAREER ISSUES
92. Resume Preparation
93. Preparation for Employment Interviews
94. Establishing a Placement File (Credentials)
58. Career Development Services
601. Summer Jobs
602. Strategies for Researching the Hidden Job Market

STUDENT SERVICES
1. Admissions
15. Banks
56. Bookstore
57. Campus Activities
58. Career Development Services
116. Chapel Facilities
59. Child-Care Alternatives
60. Commuter Affairs
62. Counseling Center
63. Disabled Student Services
109, 121. Experiential Learning Center
118. Foreign Student Services
64. Health Center
65. HELP Center (Student Crisis Intervention Center)
117. Intensive Educational Development Office
115. Job Referral Service
97. Judicial Programs Office
66. Minority Support Systems
21. Off-Campus Housing
4. Orientation
41. Reading and Study Skills Laboratory
67. Religious Services
16. Resident Life
68. Returning Studens
13. Student Aid Office
69. Student Union
70. Veterans
119. Women's Programs and Services
49. Jewish Student Center
500. Advising in Academic Divisions & Departments
600. Human Relations Office
603. Campus Mediation Service
604. Who was Adele H. Stamp?

INTERPERSONAL
300. When Should I Seek Outside Help for Personal Problems?
301. Re-examining My Values

302. Coping with Shyness
303. Anxiety and Possible Way to Cope With It
304. How to Deal with Loneliness
305. How to Handle Fears
306. Coping with Stress
307. The Female Sex Role — Changes and Stresses
308. The Male Sex Role — Changes and Stresses
309. Death and Dying
310. Understanding Grief
311. Helping a Friend
312. Early Signs of an Alcohol Problem
313. Responsible Decisions About Drinking
314. How to Deal With Depression
315. Becoming Independent from Parents
316. Suicidal Crisis

SECURITY
71. Protecting Yourself and Your Property
100. Personal Property Insurance

HEALTH
101, 312, 313. Alcohol
102. Drugs
103. Pregnancy Evaluation
111. Men's Clinic
104. Women's Health Clinic
105. Student Health Insurance
64. Health Center
61. Community Health Resources.
605. Adult Health and Development Program

STUDENT RIGHTS AND RESPONSIBILITIES
106. Students Rights and Responsibilities
82. Academic Dishonesty (Cheating, Plagiarism)
97. Judicial Programs Office
108. Legal Aid Office
120. Parking Ticket Appeals Process
600. Human Relations Office
603. Campus Mediation Service

TRANSPORTATION
72. Transportation Alternatives
73. Public Transportation
74. Car-pooling
75. Registering Your Car
120. Parking Tickets Appeals Process
76. Bicycles, Mopeds & Motorcycles
77. Parking
78. Shuttle-UM

COURSES
201. Afro-American Studies Program
202. ASTR 100 Introduction to Astronomy
203. BOTN 100 General Botany (Non-Science Majors)
204. BOTN 101 General Botany
205. CHEM 101 Introduction to College Chemistry
206. CHEM 203 College Chemistry I
207. THET 110 Introduction to the Theater
208. EDCP 108 College Aims (Reading & Study Skills, Career Planning, Survival Techniques, Returning Women)
209. ENGL 101 Freshman English, 101A, 101X
210. ENTM 100 Insects
211. GVPT 170 American Government
212. HIST 156 History of U.S. to 1865
213. HIST 157 History of U.S. (1865-1976)
214. JOUR 100 Introduction to Mass Communication
215. LENF 100 Introduction to Law Enforcement
225. MATH 001 Review of High School Algebra
216. MATH 110 Introduction to Mathematics I
217. MATH 115 Pre-Calculus I
218. MATH 140 Calculus I
219. Music Courses for Non-Music Majors
220. PSYC 100 Introduction to Psychology
221. Physical Education Courses
222. SPCH 100 Introduction to Speech
223. SOCY 100 Introduction to Sociology
224. ZOOL 101 General Zoology

Term Paper Workshops

The Hornbake Library offers workshops to help you find the library materials and information you need to write your research papers. For more information, call 454-4737.

UMaps

Get a new perspective of the UMCP campus according to UMaps. The Office of Commuter Affairs has published this series of brochures to highlight campus opportunities. These "maps" are designed to help you locate courses, clubs, activities, and employment related to your areas of interest. Look for UMaps posted around campus, and pick up copies at the Office of Commuter Affairs, 1195 Stamp Union.

University College Students

University College students who wish to enroll at the College Park campus while continuing to pursue a degree program at University College must first obtain a letter of permission from University College.

In order to be eligible for a letter of permission, UMUC students must have completed a minimum of 15 semester hours of coursework with University College and have an overall grade point average of 2.0 for all University of Maryland coursework. In addition to the above, students who were previously enrolled at UMCP must have completed a minimum of 15 semester hours of coursework with University College with at least a "C" (2.0) grade point average *since* their last enrollment at UMCP and have prior written approval from the College Park Reenrollment Office if they have been denied reinstatement.

Eligible students may request a letter of permission by calling or writing the UMUC Director of Admission and Registration Services in the Center of Adult Education, Room 0300, telephone 985-7262. Please request the letter at least two weeks prior to the date it is needed. Present the letter to registration officials at UMCP in order to complete your registration.

University Policy on Disclosure of Student Records (Buckley Amendment)

The University of Maryland adheres to a policy of compliance with the Family Educational Rights and Privacy Act (Buckley Amendment). With certain limitations, this Act requires and it is the policy of the University:

(1) To permit students to inspect their education records
(2) To limit disclosure to others of personally identifiable information from education records without student's prior written consent
(3) To provide students the opportunity to seek correction of their education records where appropriate.

Prior consent will not be required for disclosure of educational records to school officials of the University of Maryland who have been determined to have legitimate educational interests.

Certain information has been designated "Directory Information" and will be disclosed without prior consent unless a student files written notice. Directory information consists of:

Name	Participation in Officially Recognized Activities and Sports
Address	Weight and Height of Members of Athletic Teams
Telephone Listing	Dates of Attendance
Date and Place of Birth	Degrees and Awards Received
Photograph	Most Recent Previous Educational Institution Attended
Major Field of Study	

Students who wish to limit the disclosure of Directory information or wish access to their official records should obtain the appropriate form at the Registrations Counter, North Administration Building, and return the completed form to the Registrations Counter. **Requests to limit disclosure of Directory information must be made within 3 weeks from the first day of the semester in which the student begins each school year. Such requests must be filed annually within the above allotted time.**

Students alleging University noncompliance with the Family Educational Rights and Privacy Act may file a written complaint with the Family Educational Rights and Privacy Office, United States Department of Health, Education and Welfare, 330 Independence Avenue, S.W., Washington, D.C. 20201.

For complete University policy on access to and release of student data information, see the current edition of the *Undergraduate Catalog*.

Veterans Benefits

Students attending the University under the Veteran's Education Assistance Act may receive assistant and enrollment certification at the Veterans Certification Office on the 1st floor of the North Administration Building. The Staff is available to assist regarding monthly educational assistance checks as well as other benefits such as tutoring assistance and vocational rehabilitation services. Telephone 454-4555.

Transcript Services

An unofficial transcript will be available with your early registration materials each semester. This copy is for your personal use and serves as a way for you to check the accuracy of the record. At other times unofficial transcripts are not available unless required for on-campus advisement purposes for currently enrolled students. They are available at Deans' offices on campus.

If you have need of record information for other purposes, please request an official transcript at the Registrations Office, North Administration Building. Official transcripts are generally processed within a week and on occasion, the same day. Request must be in writing. A transcript cannot be processed if an outstanding debt is owed to the University. Contact the Registrations Office (x5559) if you have further questions.

AIM HIGH

FORMULA FOR YOUR FUTURE!

Your college degree plus Air Force ROTC participation equals a commission as an Air Force officer. It's our formula for success. The Air Force needs bright young men and women who are majoring in many engineering and scientific fields.

AFROTC offers 2 through 4-year scholarships which can help offset the high costs of a college education, plus you'll receive $100 per academic month for living expenses. After graduation and completion of Air Force ROTC, you'll be an Air Force officer with responsibilities working in a high tech environment with modern equipment. The Air Force can put you and your degree to good use right away.

Find out more about Air Force ROTC and what it holds for your future by contacting:

Contact Capt. Chet Wilson 454-3242

AIR FORCE ROTC

LEADERSHIP EXCELLENCE STARTS HERE

Academic and Advisement Information

College Organizational Chart

COLLEGE OF AGRICULTURE
- VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE — MARYLAND CAMPUS

DEPARTMENT OF:
- AGRICULTURAL ENGINEERING
- AGRICULTURAL AND EXTENSION EDUCATION
- AGRICULTURAL AND RESOURCE ECONOMICS
- AGRONOMY
- ANIMAL SCIENCES
- HORTICULTURE
- POULTRY SCIENCE

INSTITUTE OF APPLIED AGRICULTURE
PROGRAMS/CURRICULUM:
- AGRICULTURAL CHEMISTRY
- FOOD SCIENCE
- GENERAL AGRICULTURE
- NATURAL RESOURCES MANAGEMENT
- PRE-FORESTRY
- UNDECIDED

SCHOOL OF ARCHITECTURE

COLLEGE OF ARTS AND HUMANITIES

DEPARTMENT OF:
- AMERICAN STUDIES
- ART
- CLASSICS
- COMMUNICATION ARTS AND THEATRE
- DANCE
- ENGLISH
- FRENCH AND ITALIAN LANGUAGES AND LITERATURES
- GERMANIC AND SLAVIC LANGUAGES AND LITERATURES
- HEBREW AND EAST ASIAN LANGUAGES AND LITERATURES
- HISTORY
- HOUSING & DESIGN
- MUSIC
- PHILOSOPHY
- SPANISH AND PORTUGUESE LANGUAGES AND LITERATURES

INSTITUTE FOR PHILOSOPHY AND
- PUBLIC POLICY

COMPARATIVE LITERATURE PROGRAM
JEWISH STUDIES PROGRAM
LINGUISTICS PROGRAM
WOMEN'S STUDIES PROGRAM
CENTER FOR MEDITERRANEAN ARCHAEOLOGY
CENTER FOR RENAISSANCE AND
- BAROQUE STUDIES

LANGUAGE MEDIA CENTER
UNIVERSITY COMMUNITY CONCERTS

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

DEPARTMENT OF:
- ANTHROPOLOGY
- ECONOMICS
- GEOGRAPHY
- GOVERNMENT AND POLITICS
- HEARING AND SPEECH SCIENCES
- PSYCHOLOGY
- SOCIOLOGY

INSTITUTE OF CRIMINAL JUSTICE AND CRIMINOLOGY
INSTITUTE FOR PHILOSOPHY AND
- PUBLIC POLICY

INSTITUTE FOR URBAN STUDIES
AFRO-AMERICAN STUDIES PROGRAM
CENTER FOR INTERNATIONAL DEVELOPMENT
INDUSTRIAL RELATIONS AND
- LABOR STUDIES CENTER

SURVEY RESEARCH CENTER
BUREAU OF BUSINESS AND ECONOMIC RESEARCH
COMPUTER LABORATORY

COLLEGE OF BUSINESS AND MANAGEMENT

CENTER FOR PRODUCTIVITY AND QUALITY OF WORKING LIFE
PROGRAMS/CURRICULUM:
- ACCOUNTING
- BUSINESS & MANAGEMENT — GENERAL
- FINANCE
- MANAGEMENT SCIENCE & STATISTICS
- MARKETING
- PERSONNEL & LABOR RELATIONS
- PRODUCTION MANAGEMENT
- TRANSPORTATION

COLLEGE OF EDUCATION

DEPARTMENT OF:
- COUNSELING AND PERSONNEL SERVICES
- CURRICULUM AND INSTRUCTION
- EDUCATION POLICY, PLANNING AND ADMINISTRATION
- HUMAN DEVELOPMENT
- INDUSTRIAL, TECHNOLOGICAL AND OCCUPATIONAL EDUCATION
- MEASUREMENT STATISTICS AND EVALUATION
- SPECIAL EDUCATION

CURRICULUM LABORATORY
CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT
EDUCATIONAL TECHNOLOGY CENTER
CENTER FOR YOUNG CHILDREN
INTENSIVE EDUCATIONAL DEVELOPMENT
OFFICE OF LABORATORY EXPERIENCES
SPECIAL STUDENT SUPPORT SERVICES

COLLEGE OF ENGINEERING

DEPARTMENT OF:
- AEROSPACE ENGINEERING
- AGRICULTURAL ENGINEERING (See also College of Agriculture)
- CHEMICAL AND NUCLEAR ENGINEERING
- CIVIL ENGINEERING
- ELECTRICAL ENGINEERING
- FIRE PROTECTION ENGINEERING
- MECHANICAL ENGINEERING

CENTER FOR MINORITIES IN SCIENCE & ENGINEERING
COOPERATIVE EDUCATION
ENGINEERING RESEARCH CENTER
INSTRUCTIONAL TELEVISION SYSTEM
SYSTEMS RESEARCH CENTER

COLLEGE OF HUMAN ECOLOGY

DEPARTMENT OF:
- FAMILY AND COMMUNITY DEVELOPMENT
- FOOD, NUTRITION AND INSTITUTION ADMINISTRATION
- TEXTILES AND CONSUMER ECONOMICS

COLLEGE OF JOURNALISM

CENTER FOR RESEARCH IN PUBLIC COMMUNICATION
COLLEGE OF JOURNALISM
- ADVERTISING
- BROADCAST NEWS
- NEWS
  - EDITORIAL
  - NEWSPAPERS
  - MAGAZINES
  - PHOTOJOURNALISM
  - SCIENCE COMMUNICATION
- PUBLIC RELATIONS

COLLEGE OF LIBRARY AND INFORMATION SERVICES

COLLEGE OF LIFE SCIENCES

DEPARTMENT OF:
- BOTANY
- CHEMISTRY AND BIOCHEMISTRY
- ENTOMOLOGY
- MICROBIOLOGY
- ZOOLOGY

MARINE AND ESTUARINE ENVIRONMENTAL STUDIES PROGRAM
WATER RESOURCES RESEARCH CENTER
PROGRAMS/CURRICULUM:
- GENERAL BIOLOGICAL SCIENCES
- UNDECIDED

COLLEGE OF COMPUTER, MATHEMATICAL, AND PHYSICAL SCIENCES

DEPARTMENT OF:
- COMPUTER SCIENCE
- GEOLOGY
- MATHEMATICS
- METEOROLOGY
- PHYSICS AND ASTRONOMY

CENTER FOR AUTOMATION RESEARCH
INSTITUTE FOR ADVANCED COMPUTER STUDIES
INSTITUTE FOR PHYSICAL SCIENCE AND TECHNOLOGY
LABORATORY FOR PLASMA AND FUSION ENERGY STUDIES

COLLEGE OF PHYSICAL EDUCATION, RECREATION, AND HEALTH

DEPARTMENT OF:
- HEALTH EDUCATION
- PHYSICAL EDUCATION
- RECREATION

CENTER ON AGING

SCHOOL OF PUBLIC AFFAIRS
- BUREAU OF GOVERNMENTAL RESEARCH

UNDERGRADUATE STUDIES

ALLIED HEALTH PROFESSIONS
GENERAL HONORS PROGRAM
GENERAL STUDIES
INDIVIDUAL STUDIES PROGRAM
PRE-NURSING
PRE-PHARMACY
UNDECIDED UNDERGRADUATE STUDIES

College Locations and Deans

College	*Location*	*Dean*	*Office*	*Phone*
Agriculture	1116 Symons Hall	Dr. Raymond J. Miller	1104 Symons	X5257
Architecture	1298 Architecture	Prof. John A. Steffian	1212 Architecture	X3427
Arts & Humanities	1111 Francis Scott Key	Dr. Richard D. Brecht (Acting)	1101 Francis Scott Key	X6790
Behavioral & Social Sciences	2115 Tydings Hall	Dr. Murray E. Polakoff	2141 Tydings	X5272
Business & Management	2136 Tydings Hall	Dr. Rudolph P. Lamone	3140 Tydings	X5383
Computer, Mathematical & Physical Sciences	2300 Math Bldg.	Dr. J. Robert Dorfman (Acting)	2300 Math Bldg.	X4906
Education	1210 Harold R. Benjamin (Education Bldg.)	Dr. Dale P. Scannell	3119 Harold R. Benjamin (Education Bldg.)	X2013
Engineering	1131 Engineering Classroom Bldg.	Dr. George E. Dieter	1137 Engineering Classroom Bldg.	X6347
Graduate School	2nd floor, South Administration	Dr. Arnold Thackray	2133F South Administration	X4791
Human Ecology	1100 Marie Mount Hall	Dr. John R. Beaton	1100 Marie Mount Hall	X2136
Journalism	2109 Journalism Bldg.	Prof. Reese Cleghorn	2105 Journalism Bldg.	X5715
Library & Information Services	4105 Hornbake Library	Dr. Claude E. Walston	4105E Hornbake Library	X5441
Life Sciences	1110 Symons Hall	Dr. Raymond J. Miller	1104 Symons Hall	X5257
Physical Education, Recreation & Health	3310 Physical Education, Recreation & Health Bldg.	Dr. John J. Burt	3310H PERH Bldg.	X5616
Public Affairs	2105 Morrill Hall	Dr. Michael Nacht (Acting)	3106C Morrill Hall	X8712
Undergraduate Studies	1117 Hornbake Library	Dr. Robert E. Shoenberg	1115 Hornbake Library	X2530

Course Numbering System (All Students)

UNDERGRADUATE -- eligible to register for courses numbered 000-499. Freshmen and sophomores may not take 300-499 numbered courses. Any exceptions require special permission from the Dean or Provost.

GRADUATE — eligible to register for courses numbered 400-899.

Course Numbering System

Number	Eligibility
000-099	Non-credit course
100-199	Primarily freshman course
200-299	Primarily sophomore course
300-399	Junior, senior course not acceptable for credit toward graduate degrees
400-499	Junior, senior course acceptable for credit toward some graduate degrees
500-599	Professional School course (Dentistry, Architecture, Law, Medicine) or post-baccalaureate course
600-899	Course restricted to graduate students
799	Masters Thesis credit
899	Doctoral dissertation credit
	Courses with last digit of 8 or 9 can be repeated for additional credit

Graduate Student Academic Information

See Page 7 for Graduate Student Registration Procedures

Advisement: Graduate students registering for courses must have the approval of their program advisors in order to make certain that the minimum Graduate School and program requirements are being satisfied, particularly in the case of degree seekers. See page 7 for specific advising procedures required by your program.

Credit Limits: Graduate students are limited to 15 semester hours. **Graduate students with a teaching or research assistantship** are limited to 10 semester hours.

Full Time Status: Effective August 1973, official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

Graduate Students — Full Time: Registered for a minimum of 48 graduate units at the end of the Schedule Adjustment Period.

Graduate Students with Teaching or Research Assistantship — Full Time: Registered for a minimum of 24 graduate units at the end of the Schedule Adjustment Period.

Table for Computing Graduate Units

Course Number	Graduate Unit
000-399	2 units per credit hr.
400-499	4 units per credit hr.
500-599	5 units per credit hr.
600-898	6 units per credit hr.
799	12 units per credit hr.
899	18 units per credit hr.

Program Changes: Graduate students wishing to change programs or degree objectives must submit a new application with fee to the Graduate School. Current deadlines for new applications apply.

Pass-Fail: Graduate students are not eligible for the Pass-Fail grading option.

Undergraduate Academic Information

Advisement (Undergraduate Students)

Academic advising is an essential part of an undergraduate's educational experience at the University of Maryland. It is available to all students at College Park, but it is the responsibility of the student to make arrangements for advising with the appropriate person. Students are encouraged to use the many advisement opportunities available.

NOTE: For the following groups advising is mandatory:

Newly admitted freshman and transfer students, students on academic warning, students seeking reinstatement after dismissal or withdrawal, students nearing senior status, and students in certain majors and colleges.

Students in pre-majors are required to choose an alternate major, which determines their advising home. See an advisor and page 25 for information.

A list of undergraduate advisors, their room number and telephone extension is listed below. Students who are unable to locate an advisor, or who have questions about campus advising programs should visit or call the Undergraduate Advising Center, Room 1117, Hornbake Library, 454-2733 or 454-3040.

Academic Advisors

	Advisors	Room	Ext.
COLLEGE OF AGRICULTURE			
General Information			
Dr. Raymond Miller, Dean		O-1104	5257
Dr. Albert J. Klavon, Assistant Dean		O-1110	5257
Dr. Amel Anderson, Assistant Dean		O-1110	5257
AGRICULTURAL CHEMISTRY	Keeney, M.	C-2500	4417
AGRICULTURAL & RESOURCE ECONOMICS			
	Brown, E. H. (Coord.)	O-2216	3801
	Cain, J.L.	O-2106	3804
	Foster, D. W.	O-2102	3803
	Lawrence, R.G.	O-2212A	3804
	Lessley, B. V.	O-2213	3802
	Strand, I. E.	O-2206	3801
AGRICULTURAL ENGINEERING			
	Muller, R. E.	I-1131B	3901
	Stewart, L. E.	I-1130	3901
AGRICULTURAL & EXTENSION EDUCATION	Cooper, E. L.	O-0102	3738
AGRONOMY			
Crops	Caldwell, R. M.	E-1103	4787
	McIntosh, M.	E-0111	3717
Soils	McIntosh, M.	E-0111	3717
Turf & Urban Agronony	Walterlen, M. S.	E-1114	3716
Conservation — Soil, Water and Environment	Caldwell. R. M.	E-1103	4787
ANIMAL SCIENCE			
Livestock	DeBarthe, J. V. (Coord.)	WW-1103	4642
Dairy	DeBarthe, J. V.	WW-1103	4642
Poultry	Johnson, E. L.	II-2103A	5491
Pre-Veterinary	Ingling, A.	ZZ-1312	4631
NATURAL RESOURCES MANAGEMENT	Gibson, G. R.	O-0218	3738
FOOD SCIENCE	Wiley, R. C. (Coord.)	F-1122A	2829
	Schlimme, D. V.	F-1122B	6526
GENERAL	Grant, L. P.	I-0104	3901
HORTICULTURE			
Floriculture & Ornamentals			
(A-L)	LaSota, L.	F-2103	2387
(M-R)	Gouin, F.	F-1101	3143
(S-Z)	Stimmart, D.	F-2102	6322
Horticulture Education	LaSota, L.	F-2103	2387
Landscape Design	Pitt, D.	F-2109	3612
Pomology & Olericulture	McClurg, C.	F-1122C	3007
PRE-FORESTRY	Kundt, J. F.	F-1109	6464
UNDECIDED	Grant, L.P.	I-0104	3901
SCHOOL OF ARCHITECTURE			
General Information			
Stephen Sachs, Associate Dean		ARCH-1298	5215 3427

Advisor assignments available in Room 1298, Architecture.
PRE-ARCHITECTURE — See page 25 for pre-major information. Your advising "home" is the college associated with your alternate major.

COLLEGE OF ARTS AND HUMANITIES			
Dr. Richard Brecht, Acting Dean		RR-1101	6796
College Advisor Undec.	Bondurant, D.	RR-1111	2737
General Information			
AMERICAN STUDIES PROGRAM	Mintz, L.	A-2116	4661
ART STUDIO	Forbes, J.	AS-1M320	3431
ART HISTORY	Caswell, J. M.	AS-4222	3431
CHINESE	Rickett, A.	LL-2106	5152
COMPARATIVE LITERATURE	Peterson, C.	LL-4223	2685
DANCE	Ryder, M.	EE-Temp	4056
ENGLISH	Herman, H.	A-1122	2521
FRENCH & ITALIAN	Barrabini, M.	LL-3106F	4303
GERMAN	Frederiksen, E.	LL-3211	4301
GREEK	Duffy, J.	LL-4211	2510
HEBREW	Fink, D.	LL-2106	5152
HISTORY	Folsom, K.	RR-2101H	2843
HOUSING AND DESIGN	Prather, E.	H-3506	5271
Advertising Design	Roper, J.	H-1401	6325
	Gipps, T.	H-1401E	6267
	Thomas, C.	R-2407C	5755
	Thorpe, J.	H-2407E	5471
	Dean, S.	H-2407D	5498
Interior Design	Eckersley, M.	H-1401D	6268
	Kjaer, B.	2407F	5464
Housing	Bonta, J.	H-1401	2150
	Chen, A.	W-1105	6325
JAPANESE	Kerkham, E.	LL-2106	4307
LATIN	Duffy, J.	LL-2510	2510
LINGUISTICS	Hornstein, N.	MILL-1109	7002
MUSIC	Cooper, J.	NN-2110	2501
PHILOSOPHY	Pasch, A.	T-1119B	2850
RADIO, TELEVISION & FILM	Kirkley, D.	NN-0207	2297
RUSSIAN AREA STUDIES	Lampe, J.	RR-2129	4204
RUSSIAN LANGUAGE & LITERATURE	Berry, T.	LL-3215	4301
SPANISH & PORTUGUESE	Rentz, M.	LL-2215	4305
SPEECH COMMUNICATION	Doyle, T.	NN-1146	2541
THEATRE	Pugliese, R.	NN-0240	6214
WOMEN'S STUDIES	Moses, C.	MILL-1135	3841
UNDECIDED MAJORS	Bondurant, D.	RR-1111	2737

PRE-DESIGN — See Page 25 for pre-major information. Your advising "home" is the college associated with your alternate major.

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES			
Dr. Murray Polakoff, Dean		Q-2141	5272
Dr. Stewart Edelstein, Assistant Dean		Q-2141	5272
Dr. Katherine P. Beardsley, Assistant Dean		Q-2141	5272
Chris Witherspoon, Assistant to the Dean		Q-2141	5272
ADVISEMENT AND RECORDS			
Records Office	Hay, G.	Q-2115	2301
	Villamizar, A.	Q-2115	2301
Candidate Clearance	O'Donnell, D.	Q-2115	2301
College Academic Advisors	Rith, T.	Q-2115	2301
	Marcks, L.	Q-2115	2301
	Hillman, L.	Q-2115	2301
	Langa, M.	Q-2115	2301
	Fabian, E.	Q-2115	2301
UNDERGRADUATE PROGRAMS			
AFRO-AMERICAN STUDIES PROGRAM	Williams, M.	SSB-2169	6676
ANTHROPOLOGY	Dent, J.	R-1106	6746
CRIMINOLOGY, LAW ENFORCEMENT	Wellford, C.	SSB-2220	7970
ECONOMICS	Straszheim, M.	Q-3115	5443
GEOGRAPHY	Cirrincione, J.	SSB-1113	2241
GOVERNMENT & POLITICS	Lanning, E.	SSB-2181F	6739
HEARING AND SPEECH SCIENCE	McCall, J.	SSB-0141H	2546
PSYCHOLOGY	Schwartz, L.	ZP-1128	6691
SOCIOLOGY	Altman, B.	AS-2108	5036
URBAN STUDIES	Marando, V.	SSB-1119	6687
	Queen, B.	SSB-1113	2488
	Wurie, A.	SSB-1113	2488

UNDECIDED — See a college advisor.
PRE-BUSINESS — See page 25 for pre-major information. Your advising "home" is the college associated with your alternate major.

COLLEGE OF BUSINESS AND MANAGEMENT			
Dr. Rudolph P. Lamone, Dean		Q-2136	4314
Dr. J. G. Mattingly, Director of Undergraduate Studies		Q-2136	4314
	Rouet, D.	Q-2136	4314
	Sullivan, K.	Q-2136	4314
	Zager, B.	Q-2136	4314
Records Office, Business	Donaldson, M.	Q-2136	4314
	Pometto, J.	Q-2136	4314
	Welsh, S.	Q-2136	4314
COLLEGE OF EDUCATION			
General Information			
Dr. Dale Scannell, Dean		OO-3119	2013
Graduate Student Services	Campbell, E.G.	OO-1205	3745
Undergraduate Student Services	Lewis, A.	OO-1210	2017
EDUCATION POLICY, PLANNING AND ADMINISTRATION	Warren, D.	OO-3112B	5424
Administration and Supervision	Dudley, J.	OO-3112A	5766
Curriculum and Theory Development	Selden, S.	OO-0109C	5766
Educational Communications	Splaine, J.	OO-2215	5766
Educational Policy	Huden, D.	OO-2110D	5776
Higher and Adult Education	Carbone, R.	OO-3112C	5766
Social Foundations	Lindsay, R.	OO-0101C	5766
COUNSELING & PERSONNEL SERVICES	Hershenson, D.	OO-3214A2	2026
School Psychology	Pumroy, D.	OO-3214B	2026
	Teglasi, H.	OO-3234A	2026
	Strein, W.	OO-3234B	2026
School Counseling	Greenberg, K.	OO-3222	2026
	Rhoads, D.	OO-3234C	2026
Community Counseling	Schlossberg, N.	OO-3228	2026
	Spokane, A.	OO-3214A	2026
	Waldo, M.	OO-3222	2026
College Student Personnel		OO-3218	2026
Counseling Psychology	Birk, J.	OO-3216	2026
	Hoffman, M.	OO-3234E	2026
Rehabilitation Counseling	Power, P.	OO-3208	2026
	Lawrence, R.	OO-3234F	2026
Counseling & Consultation	Hershenson, D.	OO-3214C	2026
CURRICULUM AND INSTRUCTION	Arends, R	OO-2311B	7346
Early Childhood	Amershek, K	OO-2207B	7429
	Church, M.	OO-1229	2341
	Fein, G.	OO-0311F	3409
	Saracho, O.	OO-1117	2120

Elementary Education	Eley, G.	OO-2219	5712
	Herman, W.	OO-2227	5448
	Jantz, R.	OO-2229	5480
	Johnson, M.	OO-2209	4941
	Roderick, J.	OO-2231	5343
	Sublett, H.	OO-2211	5934
	Weaver, P.	OO-2233	4762
	Williams, D.	OO-2219	5712
Secondary Education			
Art	Craig, R.	OO-2304C	6288
	McWhinnie, H.	OO-2304C	6288
English/Speech	Carr, J.	OO-2304E	6325
	McCaleb, J.	OO-2304J	6290
	Slater, W.	OO-2311J	6290
Foreign Language	DeLorenzo, W.	OO-2304G	6416
	Markham, P.	OO-2223	5590
Library Science	Williams, H.	ULB-4121J	6068
Math	Campbell, P.	OO-2304F	7346
	Davidson, N.	OO-2207A	2762
	Henkelman, J.	OO-2223	5590
Music	Folstrom, R.	NN-3141	2501
Physical Education	Young, J.	PHR-2338	3072
Reading	Brigham, B.	OO-1117	2120
	Davey, B.	OO-2304K	6417
	Dreher, J.	OO-1117	2120
	Gambrell, L.	OO-1117	2120
	Garner, R.	OO-1117	2120
	Wilson, R.	OO-1117	2120
Science	Heikkinen, H.	OO-0231	2024
	Layman, J.	OO-0211	2024
	Lockard, D.	OO-0211	2024
Social Studies	Cirrincione, J.	OO-2227	5448
	Farrell, R.	OO-2227	5448
INDUSTRIAL, TECHNOLOGICAL AND OCCUPATIONAL EDUCATION	Maley, D.	P-3216	5692
Industrial Arts	Beatty, C.	P-3216J	4264
	Leutkemeyer, J.	P-3216G	4264
Industrial Technology	Elkins, R.	P-2210	4264
	Hunter, A.	P-3216	4264
	Mietus, W.	P-3216P	4264
	Sullivan, D.	P-3216	4264
Vocational Education	Maley, D.	P-3216	5692
	Stough, K.	P-3216B	4264
Business Education	Peters, R.	P-2210C	4264
	Spear, M.	P-3216	4264
Distributive Education	Anderson, C. R.	OO-3119	4566
Home Economics Education	Hultgren, F.	P-2210	4264
	Inana, M.	P-2210B	4264
HUMAN DEVELOPMENT, INSTITUTE FOR CHILD STUDY	Bennett, S.	OO-3304	2034
	Tyler, B.	OO-3304	2034
MEASUREMENT, STATISTICS AND EVALUATION	Lissitz, R.	OO-4101	3413
SPECIAL EDUCATION	Angeletti, K.	OO-1235	2118
	Beckman, P.	OO-1311E	2118
	Burke, P.	OO-1308	4704
	Cooper, D.	OO-1308	2118
	Egel, A.	OO-1311G	2118
	Graham, S.	OO-1311F	2118
	Harris, K.	OO-1308	2118
	Hebeler, J.	OO-1308	2118
	Kohl, F.	OO-1311C	2118
	Leone, P.	OO-1311B	2118
	Malouf, D.	OO-1220	2118
	Noel, M.	OO-2304	2118
	Ogle, P.	OO-1235	2118
	Seidman, E.	OO-1311A	2118
	Simms, B.	OO-1311D	2118
	Speece, D.	OO-1308	2118

PRE-EDUCATION — See Page 25 for pre-major information.

COLLEGE OF ENGINEERING

General Information

Dr. George Dieter, Dean		J-1137	6347
Dr. Marilyn Berman, Assistant Dean		J-1131	2421
Counselors	Berman J.	J-1131	2421
	Scholl R.	J-1131	2421
Center for Minorities in Science and Engineering			
James Newton, Director		J-1134	7219
Rosemary Parker, Assistant Director		J-1134	7219
AEROSPACE	Barlow, J.	V-2102	2413
AGRICULTURAL	Stewart, L.	I-1130C	3901
	Muller, R.	I-1131B	3901
CHEMICAL	Regan, T.	U-2139	7898
CIVIL	Garber, D.	J-1163	2225
ELECTRICAL	Pugsley, J.	J-3186	4172
FIRE PROTECTION	Bryan, J.	J-0147	2424
MECHANICAL	Walston, W.	J-2188	2409
NUCLEAR	Munno, F.	U-2309A	2430
Engineering Co-op Program	Ferrell, C.	J-1137B	5191

PRE-ENGINEERING — See Page 25 for pre-major information.

COLLEGE OF HUMAN ECOLOGY

General Information

Dr. John Beaton, Dean		H-1100F	2136
Dr. Effie Hacklander, Asst. Dean		H-1100D	5387
Undergraduate Student Records	Booth, B.	H-1100B	5181
FAMILY & COMMUNITY DEVELOPMENT			
Family Studies	Anderson, E.	H-1204	6022
	Epstein, N.	H-1204C	6422
	Gaylin, N.	H-1204D	5905
	Rubin, R.	H-1204L	6424
	Myricks, N.	H-1204E	5925
	Werlinich, C.	H-1218B	6188
	Wilson, L.	H-1204B	6461
Community Studies	Hula, R.	H-1204G	5965
Management & Consumer Studies	Churaman, C.	H-1204F	6425
Program Management	Hanna, W.	H-1204A	2142
	Leslie, L.	H-1204J	6361
FOOD, NUTRITION & INSTITUTION ADMINISTRATION			
Dietetics	Read, M.	H-3304B	2143
	Moser, P.	H-3308	5371
Community Nutrition	Taylor, M.	H-3303	5163
	Williams, E.	H-3309	5372
Foods	Axelson, M.	H-3420	5426
	Chol, Y.	H-3302	4401
	Curtis	H-3308	5289
Institution Administration	Norton, V.	H-3215	2455
Nutrition Research	Ahrens, R.	H-3301	4564
TEXTILES AND CONSUMER ECONOMICS	Smith, B.	H-2100A	5150
Apparel Design	Anderson, C.	H-1411	6481
	Paoletti, J.	H-2108	6494
Text. Mkt./Fashion Merch.	Dardis, R.	H-2106	6493
	Mihelcic, R.	H-1411	6481
	Paoletti, J.	H-2108	6494
	Wagner, J.	H-2100D	6486
Consumer Economics	Brannigan, V.	H-2100G	6489
	Chern, C.	H-2100D	6486
	Dardis, R.	H-2106	6493
	Ettensen, R.	H-2100C	6485
Textiles	Block, I.	H-2100H	6490
	Hollies, N.	H-0303A	6491
	Pourdeymmi	H-2108	8605
	Smith, B.	H-2100A	5150
	Spivak, S.	H-2100E	6487
	Yeh, K.	H-2100B	6484

COLLEGE OF JOURNALISM

Prof. Reese Cleghorn, Dean			
Director, Undergraduate Studies	Theus, K.	G-2109	2228
Undergraduate Advisors	Cummins, J.	G-2109	2228
	Spitzer, C.	G-2109	2228

PRE-JOURNALISM — See page 25 for pre-major information. Your advising "home" is the college associated with your alternate major.

COLLEGE OF LIBRARY & INFORMATION SERVICES

Dr. Claude Walston, Dean		ULB-4105	5441
Student Records and General Information	Diepenbrock, J.	ULB-4110	3016
Undergraduate Advisor	Williams, H.	ULB-4111G	6068

COLLEGE OF LIFE SCIENCES

General Information

Dr. Raymond Miller, Dean		O-1104	5257
Dr. Albert J. Klavon, Assistant Dean		O-1110	5257
Dr. Amel Anderson, Assistant Dean		O-1110	5981
BIO-CHEMISTRY	Durso, M.	C-1320	5231
BOTANY	Barnett, N. (Coord.)	E-3214	3821
	Berg, L.	E-1225	3812
	Bottino, P.	E-3223	3821
	Millay, M.	E-1227	3821
CHEMISTRY	Durso, M. (Coord.)	C-1320	5231
ENTOMOLOGY			
(A-M)	Harrison, F. (Coord.)	O-2317	7123
(N-Z)	Armstrong, E.	O-2309	7122
MICROBIOLOGY			
(A-I)	Cook, T. (Coord.)	T-0113	5381
(J-L)	Roszak, D.	T-3105	5321
(M-N)	Voll, M. J.	T-2130	5218
(O-Q)	Joseph, S. W.	T-2131	5023
(R-T)	Powell, D.	T-3101	2591
(U-Z)	Weiner, R.	T-3100	5364
ZOOLOGY	Linder, H. (Coord.)	ZP-3202	5131
	Barnett, A.J.	ZP-2231	5131
	Brinkley, H.	ZP-3220	5270
	Higgins, W.J.	ZP-2229	5131
	Imberski, R.B.	ZP-3260	6590
	Inouye, D.W.	ZP-4206	4085
GENERAL BIOLOGICAL SCIENCES	Berg, L. (Coord.)	E-1225	3812
Animal Science emphasis	Ottinger, M. A.	WW-3132	5061
Biochemistry emphasis	Klavon, A.	O-1110	5257
Botany emphasis	Motta, J.	E-2112	3816
Ecology emphasis	Berg, L.	E-1225	3818
Entomology emphasis	Harrison, F.	O-2317	7123
Genetics emphasis	Berg, L	E-1225	3812
Marine Biology emphasis	Berg, L.	E-1225	3812
Microbiology emphasis	Cook, T.	T-2131	5381
Physiology emphasis	Berg, L.	E-1225	3812
Zoology emphasis	Linder, H.	ZP-3202	6249
Undeclared/emphasis	Berg, L.	E-1225	3812

COLLEGE OF COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES

Dr. J. R. Dorfman, Acting Dean		Y-2300	4906
Undergraduate Academic Information			
Dr. James M. Wallace, Assistant Dean		Y-2300	4596
Dr. Thelma M. Williams, Asst. to Dean		Y-2300	4596
Student Records	Williams, T.	Y-2300	4596
	Coleman, R.	Y-2300	4596
General Information			
ASTRONOMY	Matthews, T.	CSS-0223	5937
COMPUTER SCIENCE (special problems)	Austing, R.	CSS-2309B	2002
COMPUTER SCIENCE (general advisors)	Heikkinen, S.	CSS-2309	2002
GEOLOGY	Chang, L.		3548
	Ridky, R.		3548
MATHEMATICS	Sorenson, S.	Y-1117	2746
PHYSICS	Crabill, J.	Z-1120	3501
PHYSICAL SCIENCES	Wallace, J.	Y-2300	4596

COLLEGE OF PHYSICAL EDUCATION, RECREATION AND HEALTH

General Information

Dr. John Burt, Dean		PRH-3310D	5616
Undergraduate Student Records	Hoxie, L.	PRH-3310H	3192
PHYSICAL EDUCATION	Wrenn, J.	PRH-2351	4916
RECREATION	Ward, V.	PRH-2358	3069
HEALTH EDUCATION	Dotson, J.	PRH-2374	3369

UNDERGRADUATE STUDIES

Bachelor of General Studies Degree Program

Dr. Sharon Rubin, Assistant Dean		ULB-1115	2530-1
	O'Leary, E.	ULB-1115	2530
	Pressman, P.	ULB-1115	2530
	Spieler, L.	ULB-1115	2530
HEALTH PROFESSIONS ADVISING			
Pre-Dentistry	Love, N.	D-3103	5425
Pre-Dental Hygiene	Stewart, D.	D-3103	2540
Pre-Medical Technology	Stewart, D.	D-3103	2540
Pre-Medicine	Love, N.	D-3103	5425
Pre-Nursing	Stewart, D.	D-3103	2540
Pre-Optometry	Love, N.	D-3103	5425
Pre-Osteopathy	Love, N.	D-3103	5425
Pre-Pharmacy	Stewart, D.	D-3103	2540
Pre-Physical Therapy	Stewart, D.	D-3103	5425
Pre-Podiatry	Love, N.	D-3103	5425
INDIVIDUAL STUDIES PROGRAM			
Dr. Sharon Rubin, Assistant Dean		ULB-1115	2530-1
Undergraduate Advisement Center			
Dr. W. J. Higgins, Assistant Dean		ULB-1117H	2733/3040
Dr. T. K. Allan, Coordinator of Advising		ULB-1117J	2733/3040
Undeclared Students	Buda, B.	ULB-1117C	2733/3040
	Miller, L.	ULB-1117	2733/3040
	Steen, T.	ULB-1117F	2733/3040
PRE-LAW	Buhlig, P.	ULB-1117B	2733/3040

Additional department advisors are available. Contact principal advisors listed above.

OFFICE OF MINORITY STUDENT EDUCATION (OMSE)

Minority Advisement Program

Dr. Joseph Samuels, Director		ULB-1101	4901
Dr. Wendell Gorum, Assistant Director		ULB-1101	4901
Dr. Bekele Molla, Research Coordinator		ULB-1101	4901
Mrs. Sheila Richardson, Information Coordinator		ULB-1101	4901
Dr. Ronald Zeigler, Academic Coordinator		ULB-1101	4901
Mr. Otis Williams, Director, Nyumburu Center		MDH-3125	5774
Minority Peer Advisors		ULB-1191	4901

Attention Pre-Majors STUDENTS IN THE FOLLOWING PRE-MAJORS

Pre-Architecture
Pre-Business & Management
Pre-Computer Science
Pre-Design
Pre-Engineering
Pre-Education
Pre-Journalism

New regulations for students seeking entry to selective admissions programs have recently been approved by the Campus Senate. Beginning Fall 1986 pre-selective major students must choose an alternate major. The college associated with the alternate major will become the student's advising home.* In the event students do not later gain admission to the selective program, they will be better prepared to meet the degree requirements of an alternate major without loss of time or credit.

To declare an alternate major see an advisor in the Undergraduate Advising Center or at College locations.

It is important that you understand how these regulations will affect your academic career. Failure to comply with these requirements by September 24, 1986 may result in next semester's registration being blocked. Read the summarized regulations below which apply to your current status.

Incoming freshman & transfer students with less than 56 credits:
- Must declare alternate major by September 24, 1986.
- Advising home — College associated with your alternate major.*
- Must declare a major (other than a pre-major) by the time 56 credits have been earned if unsuccessful in gaining admission to a selective admission program.

Incoming transfer pre-majors with 56 or more credits:
- May designate "Undecided" as an alternate major for no more than one semester after admission.
- Must choose a major (other than a pre-major) after one semester if unsuccessful in gaining admission to a selective admission program.

Current pre-majors with less than 56 credits:
- Must declare alternate major by the time 56 credits have been earned.
- Advising home — College presently associated with pre-major until alternate is chosen.
- Once alternate major is selected, advising home is College associated with the alternate major.*
- Must declare a major (other than a pre-major) by the time 70 credits have been earned if unsuccessful in gaining admission to a selective admission program.

Current pre-majors with more than 56 and less than 70 credits:
- Must declare alternate major by September 24, 1986.
- Advising home — College associated with alternate major.*
- Must declare a major (other than a pre-major) by the time 70 credits have been earned if unsuccessful in gaining admission to a selective admission program.

Current pre-majors with 70 credits or more as of the end of the Spring 1986 semester:
- Strongly urged to choose a major (other than a pre-major) as soon as possible, since students cannot graduate as pre-majors.

*The **Advising Home** for students in:
Pre-Architecture, Pre-Business & Management, Pre-Computer Science, Pre-Design, Pre-Engineering, and Pre-Journalism is the College associated with the student's alternate major. See page 22 for College organization and location.

The advising home for students in **Pre-Education** will be the College of Education.

The advising home for students in **Pre-Electrical Engineering** will be the College of Engineering, since they are already admitted to the College of Engineering.

Requirements for Satisfactory Academic Progress (Undergraduate Students)

THE FOLLOWING STANDARDS FOR UNDERGRADUATE ACADEMIC PERFORMANCE BECAME EFFECTIVE IN THE FALL 1984 SEMESTER. THEY APPLY TO ALL UNDERGRADUATE STUDENTS ON THE COLLEGE PARK CAMPUS, WHETHER PREVIOUSLY ENROLLED OR NEWLY ADMITTED.

GRADE POINT AVERAGE (G.P.A.)

1. Requirements for satisfactory academic progress are based solely upon grade point average. This is computed by dividing the TOTAL NUMBER OF QUALITY POINTS accumulated in courses for which a grade of A, B, C, D, or F has been assigned by the TOTAL NUMBER OF CREDITS ATTEMPTED in those courses. Courses for which a grade of "P", "S", "W", "I", or "NGR" has been assigned are NOT included in computing the G.P.A.
2. Each letter grade has a numerical value: A = 4; B = 3; C = 2; D = 1; F = 0. Multiplying this value by the number of credits for a particular course gives the number of quality points earned for that course:

A = 4 B = 3 C = 2 D = 1 F = 0	×	NUMBER OF CREDITS IN THE COURSE	=	TOTAL QUALITY POINTS FOR THE COURSE

3. When a course is REPEATED, only credits and quality points for the higher grade assigned for that course are counted in total credits attempted and total quality points.
4. An example of how a SEMESTER G.P.A. and a CUMULATIVE G.P.A. are calculated is given below:

Course	*Credits Attempted Attempted*	*Grade*	*Quality Points*
ENGL 101	3	C	6
MATH 110	3	B	9
ZOOL 101	4	A	16
PSYC 100	3	D	3
HIST 156	3	F	0
Current Semester Totals	16		34
Previous Semester Totals	27		74
	43		108

SEMESTER G.P.A. = SEMESTER QUALITY POINTS / SEMESTER CREDITS ATTEMPTED = 34 / 16 = 2.125

CUMULATIVE G.P.A. = TOTAL QUALITY POINTS / TOTAL CREDITS ATTEMPTED = 108 / 43 = 2.511

SATISFACTORY PERFORMANCE

A student whose cumulative G.P.A. is at least 2.00 will be considered as making satisfactory academic progress at the College Park campus.

Within any given semester, a student who completes 12 or more credits (excluding grades of 'P' and 'S') with a SEMESTER G.P.A. of 3.500, or higher, will be awarded "ACADEMIC HONORS." This notation will be placed on the student's transcript.

UNSATISFACTORY PERFORMANCE

Students with a CUMULATIVE G.P.A. of less than 2.00 fall into three categories: UNSATISFACTORY PERFORMANCE, ACADEMIC WARNING, and ACADEMIC DISMISSAL. The cumulative G.P.A. that defines each of these categories varies according to the CREDIT LEVEL as noted below.

CREDIT LEVEL = Courses completed at University of Maryland with grades of A, B, C, D, F, P, S and Transfer Credit from other institutions.

CREDIT LEVEL	*UNSATISFACTORY PERFORMANCE*	*ACADEMIC WARNING*	*ACADEMIC DISMISSAL*
0-13	1.999-1.290	1.289-0.230	0.229-0.000
14-28	1.999-1.780	1.779-1.280	1.279-0.000
29-56	1.999-1.860	1.859-1.630	1.629-0.000
57-74	1.999-1.940	1.939-1.830	1.829-0.000
75 OR MORE	—	1.999-1.940	1.939-0.000

1. Students whose cumulative G.P.A. falls within the **UNSATISFACTORY PERFORMANCE** category at the end of any semester will be urged, in writing, to meet with an advisor.
2. Students who receive an **ACADEMIC WARNING** will have that notation entered on their transcript and will be urged, in writing, to consult with an advisor prior to the beginning of the next semester. STUDENTS WHO DO NOT MEET WITH AN ADVISOR WILL NOT BE ALLOWED TO DROP OR ADD COURSES OR TO REGISTER FOR THE FOLLOWING SEMESTER.
3. **ACADEMIC DISMISSAL**

A. Depending on the credit level attempted, students will be academically dismissed at the end of any semester when their CUMULATIVE G.P.A. falls into the ACADEMIC DISMISSAL range.

B. After attempting 60 or more credits, any student who receives an ACADEMIC WARNING for TWO CONSECUTIVE SEMESTERS will be academically dismissed.

C. No student transferring to the College Park Campus from OUTSIDE the University of Maryland system will be academically dismissed at the END OF THE FIRST SEMESTER if the cumulative G.P.A. is 0.23, or higher. After this first semester, the student will be subject to normal standards for academic progress. **NOTE: This provision does not apply to students reinstated or readmitted to the College Park Campus.**

ADDING/DROPPING COURSES

1. The FIRST TEN DAYS OF CLASSES during the Fall and Spring semesters are designated as being the SCHEDULE ADJUSTMENT PERIOD. A similar period of time is set aside during both summer sessions.
2. During the schedule adjustment period, students may ADD courses, DROP courses, or CHANGE SECTIONS. PART-TIME STUDENTS should pay particular attention to DIRECTIONS/DEADLINES in the Schedule of Classes to avoid incurring additional charges.
3. Courses ADDED during the schedule adjustment period will appear on the student's permanent record along with courses previously listed.
4. Courses DROPPED during the schedule adjustment period will NOT appear on the student's permanent record.
5. The DROP PERIOD for Undergraduate Students will begin at the close of the Schedule Adjustment Period and terminate at the END OF THE TENTH WEEK OF CLASS. **DURING THE DROP PERIOD, A STUDENT MAY DROP A MAXIMUM OF FOUR CREDITS.** If a course is more than four credits, the student may drop the entire course. In the case of a variable credit course, the credit level may be reduced by up to four credits.
6. Courses dropped after the schedule adjustment period will be recorded on the student's transcript with a "W" notation. This mark is NOT used in computing the semester or cumulative G.P.A.

REPEATING COURSES

1. Any course may be repeated. If a course is repeated in which a student already has earned a mark of A, B, C, D, P, or S, the subsequent attempt will not increase the total credits earned to ward the degree. Only the highest mark will be used to compute the G.P.A.
2. A student may register for a course NO MORE THAN THREE TIMES. A course dropped with a "W" notation will count as one of these three registrations.

ACADEMIC REGULATIONS

Students who need additional information about the STANDARDS FOR SATISFACTORY UNDERGRADUATE PROGRESS or about other academic policies and requirements at College Park should immediately contact an ACADEMIC ADVISOR in their college or department.

Credit by Examination (Undergraduate Students)

Credit may be earned by examination for any undergraduate course, for which a suitable examination has been adopted or can be prepared by the department granting the credit.

Additional information regarding availability of examinations, applications, fees and other regulations is available from the Undergraduate Advising Center, Room 1117, Hornbake Library.

Credit Limits (Undergraduate Students)

Limited to **19 semester hours**
Any exceptions must be approved by the Dean. Forms for this purpose will be available in the Dean's Office and should be turned in with Registration materials.

Foreign Language Placement

NOTE: If you have taken an advanced placement exam in a foreign language contact the appropriate department to determine at which course level you should enroll.

College of Arts and Humanities Requirements: If students have had four levels of one foreign language or two levels in each of two foreign languages as recorded on their high school transcript, they are not required to take any foreign language in the college, although they may elect to do so.

Classics Department: Students who have had Latin in high school are encouraged to work at the highest level of which they feel capable. The departmental advisor, Professor Gregory Staley (Foreign Languages Building, Room 4210) will help students identify the appropriate courses in which to enroll. Normally students with less than one year of high school Latin take LATN 101. Those who enter with a full year of high school Latin register for LATN 102; with two full years, LATN 203. College credit is given to students who have earned a 3, 4, or 5 on the Advanced Placement Test in Latin.

French Department: A student who has had less than two years high school French should register for FREN 101. Students with good language aptitude are encouraged to enroll in FREN 121 (Accelerated French) instead of FREN 101. Students with two years high school French should normally take FREN 103; three years of high school French, take FREN 104. More than three years high school French: take any course at the 200 level. See the department Placement Officer for additional help. NOTE: Students may not take FREN 102 unless they have taken FREN 101 on this campus. Credit will be given for only *one* of FREN 101, 103 or 121 except on audit basis. Credit will be given for only *one* of FREN 104 or 122 except on audit basis.

College of Journalism Requirements: Completion either by course work or placement, of the equivalent of 12 semester hours of foreign language study.

Spanish Department: Students who have had at least two years of high school Spanish, and who wish to continue or resume their study of that language, are urged to take the placement exam if (1) they feel uncertain of their ability to take SPAN 203 or (2) they wish to be exempted from SPAN 203. Students who feel uncertain of their ability to take SPAN 203 may choose to take Spanish 103 (a one semester review course) without taking the University placement exam.

Spanish students placing in 103 must complete 203 to satisfy the college language requirement. Students placing in 203 are required to complete 203 only. Students placing above 203 or

Undergraduate Students — Academic Information (Continued)

who have taken the equivalent of 203 at another institution, are deemed to have satisfied the language requirement.

Students may not receive credit for SPAN 103 if they already have credit for both Spanish 101 and 102. When a student receives credit for any course above 102, he/she may not receive credit for any course which precedes it if it is in the same sequence. For example, if a student has credit for SPAN 311 (Advanced Conversation), he/she may not receive credit for SPAN 205 (Intermediate Conversation), if taken subsequently. Please consult the Department Advisor for additional information about advanced Placement Tests and other credit and placement questions.

German and Spanish Placement Exam Schedule:
During the semester there will be placement testing in Room 0106, Shoemaker Building. To be admitted for testing, students must have a picture I.D. Testing during Registration will be Wednesday, September 3 at 3:30 p.m. and Friday, September 5 at 8:30 a.m. in the Testing Room, Shoemaker Building. Bring a picture I.D. in order to be admitted. All other times call R. Williams (x4752) for appointment.

Full-Time Status

Effective August 1973, official status (either full-time or part-time) *for academic purposes* will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

UNDERGRADUATE — Full-time — Registered for 9 or more semester hours at the end of the Schedule Adjustment Period. Note, however, that students on scholarships and grants are expected to maintain a semester credit load of 12 hours. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the University.

Major Changes

If you wish to process a major change go to the college associated with your desired new major to obtain approval, advisement information, and a "Change of Major" form.

Students contemplating a change in major to Architecture, Business & Management, Computer Science, Design, Education, Engineering, or Journalism should contact the Office of Undergraduate Admissions, 454-4009, for additional information regarding special requirements for entrance into these programs. Students not admitted directly to these professional programs may choose a pre-major in these programs. Selection of an alternate major will also be required.

Second Major: A student wishing to complete a second major in addition to his/her primary major, must obtain written permission from both the Dean of the primary major college and the Dean of the second major college. Forms for application to a second major are available at college offices.

NOTE: A student must be enrolled in the major program from which he or she plans to graduate when registering for the final 15 hours of the baccalaureate program.

Undergraduate Student Classifications

Freshman	1-27 semester hours
Sophomore	28-55 semester hours
Junior	56-85 semester hours
Senior	86 to at least 120 semester hours

Pass-Fail Option (Undergraduate Students)

1. An **undergraduate** who has completed 15 or more credit hours at the College Park Campus and has a cumulative average of at least 2.00 may register for courses on the PASS-FAIL option during any semester or summer session.
2. Certain college requirements, major requirements or field of concentration requirements do not allow the use of the PASS-FAIL option. Certain courses within a department may be designated by that department as not available under the PASS-FAIL option. It is the responsibility of each student electing this option to ascertain in conjunction with his/her Dean, department or major advisor, whether the particular courses will be applicable to degree requirements under the PASS-FAIL option.
3. No more than 20 percent of the College Park campus credits offered toward the degree may be taken on the PASS-FAIL option basis.
4. Students registering for a course under the PASS-FAIL option are required to complete all regular course requirements. Their work will be evaluated by the instructor by the normal procedure for letter grades. The instructor will submit the normal grade. The grades A, B, C, or D will automatically be converted by the Office of Registrations to the grade P on the student's permanent record. In computation of cumulative averages a mark P will not be included; the grade F will be calculated and included in the G.P.A.
5. The choice of grading option may be changed only during the schedule adjustment period for courses in which the student is currently registered.

NOTE: CHANGES OF GRADING OPTION (E.G., REGULAR TO PASS-FAIL) MAY BE PROCESSED ONLY DURING THE FIRST TEN DAYS OF CLASSES.

GRADUATE STUDENTS are not eligible for the PASS-FAIL grading option.

Zero-Level Courses

CHEM 001* ENGL 001* GERM 001 MATH 001* SLAV 001

Although these courses carry credit for billing and status purposes, they are regarded as having zero credit for academic calculation purposes. Therefore, these courses are excluded from the calculation of credits registered at the end of the Schedule Adjustment Period, from the calculation of quality points and from the calculation of cumulative grade point averages.

*CHEM 001, ENGL 001, and MATH 001 fees are also discussed under Fees and Expenses.

The University Studies Program

Virtually all American colleges and universities ask that students receiving a baccalaureate degree complete a common set of requirements. These common requirements are usually referred to by the generic term "general education." General education requirements represent a faculty's definition of the knowledge, awarenesses and skills that all graduates should possess before that faculty will give its consent to the awarding of a degree. General education is that portion of the degree requirements in which the entire faculty has a concern.

The University Studies Program is the general education requirement at the University of Maryland, College Park. This program must be completed by all students beginning baccalaureate study after May, 1980. It is intended to provide students with the intellectual skills and conceptual background basic to an understanding of the universe, society and themselves. The focus is not on any particular bodies of knowledge, for almost any subject matter can lead to an awareness of general modes of understanding the world. Thus, for example, it does not matter whether the student studies physics or botany as long as he or she comes away from the course with some understanding of the power of the empirical investigation that characterizes science.

The University Studies Program has three parts. The "Fundamental Studies" section of the program is intended to establish the student's ability to participate in the discourse of the university through demonstrated mastery of written English and mathematics. Those requirements are to be completed early in the student's program in order to serve as a foundation for subsequent work.

The "Distributive Studies" requirement is intended, through study in particular disciplines, to acquaint students with the different ways of analyzing and talking about the world that characterize the three areas into which the university's knowledge is traditionally divided: the physical and biological sciences, the social and behavioral sciences, and the arts and humanities. The fourth category, "History and Culture," includes courses that lead to the consideration of historical and cultural differences and the relationship of our own society to those of other times and places.

In fulfilling "Distributive Studies" requirements, students will have gained some experience of the way in which scholars in different kinds of disciplines make and organize observations about the world and arrive at general statements. It is the purpose of "Advanced Studies" courses to show how these different intellectual approaches compare with each other or may be used in complementary ways to analyze and solve problems. "Development of Knowledge" courses deal with the basis upon which people who use these different approaches claim to know something and the different kinds of insights to which these intellectual strategies lead. "Analysis of Human Problems" courses consider these matters in terms of specific cultural, social, scientific or aesthetic problems which may be approached from several points of view.

The University Studies requirements, designed to be spread throughout the student's four years, represent a third of the total academic work required for graduation. It is the purpose of this program, in combination with the extensive work of the major, to help prepare students to become productive, aware and sensitive members of society, capable of understanding their world and the many kinds of people in it and of taking responsibility for their own decisions and their own lives.

Outline of the Program

These requirements are effective for students entering in May, 1980 and thereafter, with 8 or less credits from this or any other institution. Students with 9 or more credits from this or any institution prior to May, 1980, may elect this program or the old General University Requirements.

I. FUNDAMENTAL STUDIES — 9 credits (Except for ENGL 391 or 393, must be completed by the time student has completed 30 credit hours).
   A. English Composition — 6 credits
      1. ENGL 101 — 3 credits
         a. Students with the SAT verbal below 330 take ENGL 101A.
         b. Students with AP score of 4 or 5, or SAT verbal of 600 or above are exempt.
         c. Students who achieve a score of 51 or above on the CLEP Subject Examination College Composition (with essay questions) are exempt.
      2. ENGL 391 (Junior Level Expository Writing) or 393 (Technical Writing) — 3 credits
         a. Must be taken *after* student has completed 56 credit hours (i.e., has reached junior standing).
         b. Students with SAT verbal 700 or above or A in ENGL 101 or AP of 4 or 5 are exempt.
   B. Mathematics — 3 credits
      MATH 110 (or the modular equivalent MATH 102-3-4) or MATH 115.
      1. Students with the following minimum examination scores or higher are exempt:
         a. SAT(600
         b. College Board Achievement Tests in Mathematics, Level I or II: 600
         c. Advanced Placement Examinations, Calculus AB or BC: 3
         d. Any CLEP *Subject* Examination in Mathematics: 60
      2. Successful completion of any of the following higher level entry courses than MATH 110: MATH 111, 140, 141, 150, 151, 220, 221, 240, 241, 246, 250, 251; STAT 100, 250.

II. DISTRIBUTIVE STUDIES — min.: 24 credits
   A. Culture and History (min.: 6 credits, 2 courses)
   B. Natural Sciences and Mathematics (min.: 6 credits, 2 courses)
      One course must be a laboratory science.
   C. Literature and the Arts (min.: 6 credits, 2 courses)
      Courses must be taken in two different departments, except HONR courses.
   D. Social and Behavioral Sciences (min.: 6 credits, 2 courses)

III. ADVANCED STUDIES — 6 credits
   This requirement may be fulfilled only *after* the student has completed 56 credit hours. It is intended that, in fulfilling this requirement, students choose courses that offer a contrast to the major rather than supplementing it. Courses to fulfill these requirements must be from two different departments outside the department of the student's major.
   A. The Development of Knowledge (1 course, 3 credits)
      Courses which focus on the creation, discovery, exploration, testing and evaluation of knowledge in one or more disciplines.
   B. The Analysis of Human Problems (1 course, 3 credits)
      Courses which focus on the application of knowledge from one or more disciplines to the study of important human problems.

A course taken to satisfy college, major, and/or supporting area requirements may also be used to satisfy University Studies Program (USP) requirements if it appears on the following list of approved courses for USP.

Courses chosen to meet DISTRIBUTIVE STUDIES requirements and ADVANCED STUDIES requirements may be taken on a PASS-FAIL basis. Since certain USP courses which are also used to satisfy college, major, and/or supporting area requirements may NOT be taken PASS-FAIL, students are urged to see an advisor before selecting this grading option. Courses used to satisfy USP FUNDAMENTAL STUDIES requirements may NOT be taken using the PASS-FAIL grading option.

Distributive Studies (A) Cultural and Historical — Approved Courses

AASP	100	Introduction to Afro-American Studies
AASP	200	African Civilizations
AASP	202	Black Culture in the United States
AMST	201	Introduction to American Studies I
AMST	205	Material Aspects of American Life
AMST	207	Contemporary American Cultures
ANTH	298A	Chesapeake: An Archaeology of Maryland
ANTH	298B	The First Americans
CHIN	101	Intensive Elementary Chinese I
CHIN	102	Elementary Spoken Chinese
CHIN	103	Elementary Written Chinese
CHIN	201	Intermediate Spoken Chinese I
CHIN	202	Intermediate Written Chinese I
CHIN	203	Intermediate Spoken Chinese II
CHIN	204	Intermediate Written Chinese II
CLAS	170	Greek & Roman Mythology
EDPA	210	Historical and Philosophical Perspectives on Education
ENGL	260	Introduction to Folklore
FMCD	330	Family Patterns
FREN	101	Elementary French I
FREN	102	Elementary French II
FREN	103	Review of Elementary French
FREN	104/104H	Intermediate French
FREN	121/121H	Accelerated French I
FREN	122/122H	Accelerated French II
FREN	311	French Conversation: Contemporary Issues
FREN	312	French Conversation: Current Cultural Events
FREN	370	Aspects of French Civilization
GEOG	150	World Cities
GEOG	202	The World in Cultural Perspective (changed from Area D)
GEOG	321	Maryland and Adjacent Areas
GEOG	324	Europe
GEOG	325	The Soviet Union
GEOG	326	Africa
GEOG	331	Southeast Asia
GERM	101	Elementary German I
GERM	102	Elementary German II
GERM	103	Review of Elementary German
GERM	104/104H	Intermediate German
GERM	115	Intermediate German
GERM	116	Review of Intermediate German
GERM	141	Elementary Yiddish I
GERM	142	Elementary Yiddish II
GERM	144	Intermediate Yiddish I
GERM	145	Intermediate Yiddish II
GERM	280	German-American Cultural Contrast
GERM	281	Women in German Literature and Society
GERM	282	Germanic Mythology
GERM	381	German Civilization I
GERM	382	German Civilization II
GERM	383	The Viking Era
GERM	384	The Age of Chivalry
GERM	389C	Selected Topics in Germanic Area Studies: The Ancient Celts
GERM	389I	Selected Topics in Germanic Area Studies: Ancient India
GERM	489	Selected Topics in Slavic Area Studies: Medieval Russia
GREK	101	Elementary Greek
GREK	102	Elementary Greek
GREK	203	Intermediate Greek
GVPT	240	Political Ideologies
HEBR	111	Elementary Hebrew
HEBR	112	Elementary Hebrew
HEBR	211	Intermediate Hebrew
HEBR	212	Intermediate Hebrew
HEBR	333	Hebrew Civilization
HEBR	334	Hebrew Civilization
HIST	101	Great Ideas, Events and Personalities in History
HIST	115	Modern Business History
HIST	130	The Ancient World
HIST	131/131H	The Medieval World
HIST	132	The Rise of the West, 1500-1789
HIST	133	Modern Europe, 1789-Present
HIST	144 & 145	The Humanities I and II
HIST	156	History of the United States to 1865
HIST	200	Introduction to the History of Science
HIST	201	Space and Technology in World History: Space/Time/Man/Woman
HIST	210	Women in America: The Colonial Period to 1880
HIST	234	History of Britain to 1485
HIST	235	History of Britain 1461-1714
HIST	236	History of Britain 1688 to present
HIST	237	Russian Civilization
HIST	250	Latin American History I (to 1810)
HIST	251	Latin American History II
HIST	280	Islamic Civilization
HIST	282	History of the Jewish People I (to late Middle Ages)
HIST	284	East Asian Civilization I (to 1700)
HIST	285	East Asian Civilization II
HIST	290	African Civilization
HONR	118	Freshman Honors Colloq., Cultural and Historical
HONR	318	Honors Seminar, Cultural and Historical
ITAL	101	Elementary Italian I
ITAL	102	Elementary Italian II
ITAL	203	Intermediate Italian
ITAL	121/121H	Accelerated Italian I
ITAL	122/122H	Accelerated Italian II
ITAL	204	Review Grammar and Composition
ITAL	211	Intermediate Conversation

ITAL	301	Advanced Conversation and Composition
ITAL	370	Italian Civilization
JAPN	101	Elementary Japanese
JAPN	102	Elementary Japanese II
JAPN	201	Intermediate Spoken Japanese
JAPN	202	Intermediate Written Japanese
JAPN	203	Intermediate Spoken Japanese II
JAPN	204	Intermediate Written Japanese II
JAPN	217	Buddhism and Japanese Literature
LATN	101	Elementary Latin I
LATN	102	Elementary Latin II
LATN	120	Intensive Latin
LATN	203	Intermediate Latin I
LATN	204	Intermediate Latin II
LATN	220	Intermediate Intensive Latin
PHED	293	History of Sport in America
PHIL	100	Introduction to Philosophy
PHIL	110	Plato's *Republic*
PHIL	243	Philosophy of Rural Life
PHIL	250	Philosophy of Science I
PORT	101	Elementary Portuguese I
PORT	102	Elementary Portuguese II
PORT	203	Intermediate Portuguese
SLAV	101	Elementary Russian I
SLAV	102	Elementary Russian II
SLAV	104	Intermediate Russian
SLAV	281	Russian Culture
SPAN	101	Elementary Spanish I
SPAN	102	Elementary Spanish II
SPAN	103	Review of Elementary Spanish
SPAN	203/203H	Intermediate Spanish
SPAN	204	Review of Oral and Written Spanish
SPAN	205	Intermediate Conversation
SPAN	311	Advanced Conversation I
SPAN	312	Advanced Conversation II
TEXT	345	History of Costume I
TEXT	347	History of Costume II
TEXT	363	History of Textiles
THET	310	The American Theatre

Distributive Studies (B) Natural Sciences and Mathematics — Approved Courses

Lab Sciences

AGRO	100 & 102	Crops Laboratory & Crop Production
AGRO	302	General Soils
ASTR	100 & 110 or 111	Introductory Astronomy & Astronomy Laboratory
BIOL	101 & 102	Organization and Interrelationships in the Biological World & Laboratory in Biology
BOTN	100	General Botany for Non-science Students
BOTN	101	General Botany
CHEM	102	Chemistry of Man's Environment
CHEM	103	General Chemistry I
CHEM	104	Fundamentals of Organic and Biochemistry
CHEM	105	Principles of General Chemistry I
CHEM	111	Chemistry in Modern Life
CHEM	113	General Chemistry II
CHEM	115	Principles of General Chemistry II
ENTM	205	Principles of Entomology
GEOG	170 & 171	Maps and Map Use & Maps and Map Use Laboratory
GEOG	201 & 211	The Geography of Environmental Systems & The Geography of Environmental Systems Laboratory
GEOL	100 & 110	Introductory Physical Geology & Physical Geology Laboratory
MICB	100	Basic Microbiology
MICB	200	General Microbiology
PHED	360	Physiology of Exercise
PHYS	102 & 103	Physics of Music & Physics of Music Laboratory
PHYS	106 & 107	Light, Perception, Photography & Visual Phenomena & Light, Perception, Photography & Visual Phenomena Laboratory
PHYS	111	Physics in the Modern World
PHYS	114	Energy and the Environment
PHYS	117	Introduction to Physics
PHYS	121	Fundamentals of Physics I
PHYS	122	Fundamentals of Physics II
PHYS	141	Principles of Physics I
PHYS	142	Principles of Physics II
PHYS	191 & 195	Introductory Physics I: Mechanics & Introductory Physics Laboratory I
PHYS	192 & 196	Introductory Physics: Thermodynamics, Waves and Special Relativity & Introductory Physics Laboratory II
PHYS	293 & 295	Introductory Physics: Electricity & Magnetism & Intermediate Physics Laboratory
PHYS	294 & 296	Introductory Physics: Optics & Modern Physics & Intermediate Physics Laboratory
PHYS	221	General Physics for Science Teachers I
PHYS	222	General Physics for Science Teachers II
PHYS	262	General Physics: Vibrations, Waves, Heat, Electricity and Magnetism
PHYS	263	General Physics: Electrodynamics, Light, Relativity and Modern Physics
ZOOL	101	General Zoology
ZOOL	210	Animal Diversity
ZOOL	212	Ecology, Evolution and Behavior

Non-Lab Sciences & Mathematics

AGRO	105	Soil and the Environment
ANSC	101	Principles of Animal Science
ANTH	101	Introduction to Anthropology
ASTR	100	Introductory Astronomy
ASTR	181	Introductory Astronomy and Astrophysics I
ASTR	182	Introductory Astronomy and Astrophysics II
ASTR	350	Astronomy and Astrophysics
BIOL	101	Organization and Interrelationships in the Biological World
BOTN	200	Humanistic Botany
BOTN	211	Ecology and Mankind
CHEM	107	Chemistry and Man
ENAG	232	Water: A Renewable Resource
ENES	120	Noise Pollution
ENES	121	The Man-Made World
ENTM	100	Insects
GEOG	140	Coastal Environments
GEOG	170	Maps and Map Use
GEOG	201	The Geography of Environmental Systems
GEOL	100	Physical Geology
GEOL	101	Physical Geology for Science Students
GEOL	102	Historical Geology
GEOL	120	Environmental Geology
HESP	305	Anatomy & Physiology of the Speech Mechanism
HONR	128	Freshman Honors Colloq.: Natural Sciences and Mathematics
HONR	328	Honors Seminar: Natural Sciences and Mathematics
HORT	100	Introductio to Horticulture
MATH	105	Mathematical Ideas
MATH	111	Introduction to Math II
MATH	140	Calculus I
MATH	141	Calculus II
MATH	150	Calculus I (Honors)
MATH	151	Calculus II (Honors)
MATH	210	Elements of Mathematics
MATH	211	Elements of Geometry
MATH	220	Elementary Calculus I
MATH	221	Elementary Calculus II
MATH	240	Introduction to Linear Algebra
MATH	241	Calculus III
MATH	246	Differential Equations for Scientists and Engineers
MATH	250	Calculus III (Honors)
MATH	251	Calculus IV (Honors)
METO	100	Weather and Life
MICB	322	Microbiology and the Public
NUTR	100	Elements of Nutrition
PHIL	271	Symbol Logic I
PHYS	101	Contemporary Physics
PHYS	102	Physics of Music
PHYS	106	Light, Perception, Photography & Visual Phenomena
PHYS	111	Physics in the Modern World I
PHYS	112	Physics in the Modern World II
PHYS	161	General Physics: Mechanics and Particle Dynamics
PSYC	206	Developmental Biopsychology
PSYC	301	Biological Basis of Behavior
SOCY	201	Introductory Statistics for Sociology
STAT	100	Elementary Statistics and Probability
STAT	250	Introduction to Statistical Models
ZOOL	181	Life in the Oceans

Distributive Studies (C) Literature and the Arts — Approved Courses

APDS	104	Survey of Design History
ARCH	170	An Introduction to the Built Environment
ARCH	222	History of Western Architecture
ARTH	100	Introduction to Art
ARTH	260	History of Art I
ARTH	261	History of Art II
ARTH	262	Arts of Asia
ARTH	284	Introduction to African Art
CHIN	313	Chinese Poetry and Prose in Translation I
CHIN	314	Chinese Fiction and Drama in Transition
CHIN	315	Modern Chinese Literature in Transition
CHIN	441	Traditional Chinese Fiction
CHIN	442	Modern Chinese Fiction
CLAS	370	Greek Literature in Translation
CLAS	371	Latin Literature in Translation
DANC	200	Introduction to Dance
ENGL	201	World Literature: Homer to the Renaissance
ENGL	202	World Literature: The Renaissance to the Present
ENGL	205	Introduction to Shakespeare
ENGL	234	Introduction to Afro-American Literature
ENGL	240	Introduction to Literary Form: Fiction, Poetry, Drama
ENGL	241	Introduction to the Novel
ENGL	242	Fact and Fiction: Forms of Non-Fiction Prose
ENGL	243	Introduction to Poetry
ENGL	244	Introduction to Drama
ENGL	245	Introduction to the Film as Literature
ENGL	246	The Short Story
ENGL	247	The Literature of Fantasy
ENGL	250	Women in Literature
ENGL	271	Honors World Literature: Homer to the Renaissance
ENGL	272	Honors World Literature: Renaissance to the 20th Century
ENGL	301	Critical Methods in the Study of Literature
ENGL	302	English Medieval Literature in Translation
ENGL	304	Major Works of Shakespeare
ENGL	305	Shakespeare and His Contemporaries: An Introduction
ENGL	310	English Literature: Beginnings to 1800
ENGL	311	English Literature: 1800 to the Present
ENGL	312	Romantic to Modern British Literature
ENGL	313	American Literature
ENGL	345	Twentieth Century Poetry of Britain and America
FREN	250	Readings in French
FREN	340	Modern French Literature in Translation
FREN	350/350H	Advanced Readings in French
FREN	351/351H	French Literature from the Revolution to the Present
FREN	352/352H	French Literature from the Middle Ages to the Revolution
GERM	220	Introduction to German Literature
GERM	285	German Film and Literature
GREK	204	Intermediate Greek (Homer)
HEBR	223	The Hebrew Bible: Narrative
HEBR	224	The Hebrew Bible: Poetry and Rhetoric
HEBR	231	Jewish Literature in Translation
HONR	138	Freshman Honors Colloquium: Literature and the Arts
HONR	338	Honors Seminar: Literature and the Arts
HORT	160	Introduction to the Art of Landscaping
ITAL	251	Introduction to Italian Literature
ITAL	351	Italian Literature from Dante to the Renaissance
ITAL	352	Italian Literature from the Renaissance to the Present
ITAL	376	The Italian Opera Libretto
MUSC	130	Survey of Music Literature
MUSC	140	Music Fundamentals I
MUSC	141	Music Fundamentals II
MUSC	215	The Art of the Performer
RTVF	314	Introduction to the Film
SLAV	328A	Nineteenth Century Russian Literature in Translation: From Pushkin to Dostoevsky
SLAV	328B	Nineteenth Century Russian Literature in Translation: From Dostoevsky to Chekhov
SPAN	221	Readings in Spanish
SPAN	321	Survey of Spanish Literature: 12th-17th Century
SPAN	322	Survey of Spanish Literature: 18th-20th Century
SPAN	323	Survey of Spanish American Literature I
SPAN	324	Survey of Spanish American Literature II
THET	110	Introduction to the Theatre
WMST	250	Women, Art, and Culture

Distributive Studies (D) Social and Behavioral Sciences — Approved Courses

AMST	203	Popular Culture in America
AMST	204	Film and American Culture Studies
AMST	206	Business and American Culture Studies
ANTH	102	Introduction to Anthropology
ANTH	221	Man and Environment
ANTH	241	Introduction to Archaeology
ANTH	271	Language and Culture
AREC	240	Environmental and Human Ecology
ARSC	310	Management & Leadership I
CJUS	100	Introduction to Law Enforcement
CNEC	100	Introduction to Consumer Economics
CRIM	220	Criminology
ECON	105	Economics of Social Problems
ECON	201	Principles of Economics I
ECON	203	Principles of Economics II
ECON	205	Fundamentals of Economics
ECON	307	Development of Economic Ideas
ECON	310	Evolution of Modern Capitalism in Western Europe and the United States
ECON	311	American Economic Development
EDHD	306	A Study of Human Behavior
EDHD	330	Human Development and Societal Institutions
EDPA	201	Education in Contemporary American Society
FMCD	201	Concepts in Community Development
FMCD	250	Decision-Making in Families and Communities
FOOD	110	Food for People
FOOD	300	Economics of Food Consumption
GEOG	100	Introduction to Geography
GEOG	110	The World Today: A Regional Geography
GEOG	130	Developing Countries
GEOG	203	Economic Geography
GVPT	100	Principles of Government and Politics
GVPT	170	American Government
GVPT	220	Introduction to Political Behavior
GVPT	273	Introduction to Environmental Policy
GVPT	300	International Political Relations
GVPT	343	Political Themes in Contemporary Literature
HESP	120	Introduction to Linguistics
HIST	157	History of the U.S. Since 1865
HIST	275	Law and Constitutionalism in American History
HLTH	230	Introduction to Health Behavior
HLTH	285	Controlling Stress & Tension
HONR	148	Freshman Honors Colloquium: Social and Behavioral Sciences
HONR	348	Honors Seminar: Social and Behavioral Sciences
JOUR	100	Introduction to Mass Communication
LING	200	Introduction to Linguistics
LING	240	Language and Mind
PHED	267	Sport and American Society
PHED	350	Psychology of Sport
PHED	385	Motor Learning and Skilled Performance
PHIL	140	Contemporary Moral Issues
PHIL	245	Political and Social Philosophy I
PSYC	100	Introduction to Psychology
PSYC	221	Social Psychology
PSYC	310	Perception
PSYC	331	Introduction to Abnormal Psychology
PSYC	335	Personality and Adjustment
PSYC	355	Child Psychology
RECR	130	Recreation and Leisure
RTVF	124	Mass Communication in 20th Century Society
SOCY	100	Introduction to Sociology
SOCY	105	Introduction to Contemporary Social Problems
SOCY	230	Sociological Social Psychology
SOCY	300	American Society
SOCY	327	Introduction to the Study of Deviance
SOCY	331	Work, Bureaucracy and Industry
SOCY	341	Inequality in American Society
SPCH	350	Foundation of Communication Theory
URBS	100	Introduction to Interdisciplinary Urban Studies
URBS	210	Behavioral and Social Dimensions of the Urban Community
URBS	220	Environmental and Technological Dimensions of the Urban Community
URBS	320	The City and the Developing National Culture of the United States
WMST	200	Introduction to Women's Studies

ADVANCED STUDIES: Approved Courses

The courses described below have been approved for Advanced Studies credit and are being offered in the Fall semester, 1986. Many other courses have also been approved and will be offered in subsequent semesters. A list of those courses and their titles follows the Fall course offerings.

NOTE: Advanced Studies courses must be taken in two different departments outside of the student's major (except HONR courses).

DEVELOPMENT OF KNOWLEDGE

AMST 418K — CULTURAL THEMES IN AMERICA: RACE IN AMERICA: THEORY AND POLICY. American culture has been, since its earliest days, concerned with categorizing and labelling people on the basis of distinguishable physical characteristics. The evolution of this tendency to link physical differences with mental and tempermental differences historically involved the fields of the natural sciences, geography, ethnology, linguistcs, theology, and literature. Race theory spilled over into American politics — both foreign and domestic — and shaped laws, mores, and behavior patterns, while popular race policies stimulated research and shaped the biases of racial theorists. Prerequisites: a prior course in American Studies, American History, or Sociology.

ANTH 371 — INTRODUCTION TO LINGUISTICS. Discourse analysis covers not only the verbal rules and standards of language use, but the rules of social production and exchange as well. This course examines the ways in which modern linguistic theory and practice has been influenced by discourse research. Perspectives from anthropology, linguistics and literary study are explored and compared. Prerequisites: ANTH 102 or 271 or related courses, and permission of instructor.

ANTH 389C — CULTURE AND PERSONALITY. Examines the relationship between the individual and society, as well as cross-cultural differences in personality types. Emphasis will be on biography, including anthropological life history and other material. Focus will be on determining the ways in which information pertaining to the events of individual lives contribute to our understanding of the human condition. Prerequisite: ANTH 102 or 221 or related course in the social sciences or permission of instructor.

ANTH 401 — CULTURAL ANTHROPOLOGY: PRINCIPLES AND PROCESSES. A critical examination of the ways in which anthropologists view themselves and the peoples they study. This course focuses attention on the general principles which guide anthropological inquiry and on the processes involved in working in other cultures. Brief take home exams and final paper required. Prerequisite: ANTH 102 or 221 or related course in behavioral and social sciences.

ANTH 451 — ARCHAEOLOGY OF THE NEW WORLD. This course offers a survey of archaeological research in North and South America. Material will include prehistoric settlement of the Americas by Indian peoples as well as historical events related to the colonization and development of the two continents. Included will be a special section devoted to the archaeology of Maryland. Emphasis will be on the way theories of the past have influenced our thinking about our heritage and our concept of the present. Prerequisite: ANTH 101 or 241 or equivalent course in a related field and permission of instructor.

ASTR 300 — STARS AND STELLAR SYSTEMS. Studies the properties of stars both individually and in aggregate. Some questions addressed are: How does a star change with time and how can this be checked when the evolution occurs on a scale of hundreds of millions of years? What finally happens to stars — white dwarfs, supernovae, neutron stars and black holes? How do we deal with physics in extreme conditions? Prerequisite: ASTR 100 and completion of Natural Sciences and Mathematics requirement.

ASTR 330 — SOLAR SYSTEM ASTRONOMY. Studies the components of the solar system and the properties and evolution of the system as a whole. Some questions addressed are: How can one set up a comparative scheme for studying the planets? Why are the makeup and state of the planets so different? How can various pieces of information be fitted together to determine how the solar system formed and how it evolved? Prerequisite: ASTR 100 and completion of Natural Sciences and Mathematics requirement.

ASTR 340 — GALAXIES AND THE UNIVERSE. Studies the large scale structure of the Universe and its major components, the origin and evolution of the Universe. Questions addressed include: How can we determine properties of extremely distant objects? Why do we believe the Universe is evolving and how can we find out about conditions at the earliest epochs? Prerequisite: ASTR 100 and the completion of Natural Sciences and Mathematics requirement.

ASTR 380 — LIFE IN THE UNIVERSE. Studies the astronomical perspective of the probability of life existing elsewhere in the Universe. Some questions to be addressed are: What are the conditions necessary for life to arise? How can one test for the presence of life elsewhere? If there is life elsewhere, how can we communicate with them? Prerequisite: ASTR 100 and completion of Natural Sciences and Mathematics requirement.

BCHM 361 — ORIGINS OF BIOCHEMISTRY. A lecture course intended primarily for non-science majors, tracing the development of our understanding of life processes. Ideas and findings which have led to scientific breakthroughs in the areas of metabolism, nutrition, infections and inherited diseases, hormonal mechanisms, photosynthesis and genetic engineering will be presented. Prerequisite: Any Distributive Studies course in Chemistry or any course in biological science.

CLAS 320 — WOMEN IN CLASSICAL ANTIQUITY. Studies women's image and reality in ancient Greek and Roman societies through examining literary, linguistic, historical, legal and artistic evidence. Emphasis on women's roles in the family, views of female sexuality, the place of women in creative art. No knowledge of Greek or Latin required. Prerequisite: An introduction course in one of the following: literature, philosophy, cultural anthropology, psychology or sociology.

CLAS 470 — ADVANCED GREEK AND ROMAN MYTHOLOGY. The literary and artistic versions of selected myths (Herakles, Odysseus, the House of Atreus, Jason and Medea, Aeneas) and their survival and transformation in post-Classical literature, art and music. Readings will also include modern interpretation of myth, from cultural, allegorical, structuralist, and psychological viewpoints. Prerequisite: CLAS 170 or permission of instructor.

ECON 402 — BUSINESS CYCLES. Examination of the growth patterns of the American economy and how computer models can be used to represent the structure of the economy and to analyze how fiscal and monetary policies affect economic performance. Modeling techniques will be illustrated by allowing the student to use and modify an existing computer model in class. A computer background is not required. Prerequisite: ECON 430.

EDCI 488N — LEARNING STYLES AND LEARNING ENVIRONMENTS. An opportunity to examine your own style of learning through self-report instruments and how you function in different learning environments through direct experiences and reflection. Prerequisite: completion of Social and Behavioral Sciences requirement.

EDMS 451 — INTRODUCTION TO EDUCATIONAL STATISTICS. Introduction to Statistics is designed for the student interested in the application and interpretation of statistics to a variety of problems in the social sciences (e.g., education, nutrition, science, criminology). Students are taught specific statistical techniques (e.g., mean, variance, t-tests) as well as critical appraisal of the strengths and limitations of those techniques. Prerequisite: completion of the Social and Behavioral Sciences requirement. **NOTE: Students who have credit for PSYC 200, ECON 421, BMGT 230/231, GVPT 422, GEOG 305 or SOCY 201 *cannot* receive credit for EDMS 451. Students who wish to use EDMS 451 in lieu of one of the above must receive approval from their department academic advisor.**

ENGL 379A — SPECIAL TOPICS IN LITERATURE: STUDIES IN MYTHMAKING. Examines mythic thinking and figuration as a way of organizing and dealing with the world, and as a mode of creative perception far removed from our present mode of logical, rational analysis of data. Uses key selections from the Bible as familiar concepts and archetypal figures of northern European mythologies and compares them to the secondary, imaginative mythology of Tolkien's *The Silmarillion*. Prerequisite: two lower level English courses.

ENGL 379E — SPECIAL TOPICS IN LITERATURE: FILM ANALYSIS: THE RHETORIC OF FICTIONAL WORLDS. Examines approximately twelve films to reveal how narrative films create apparently closed worlds of illusion in which every action and behavior is composed as part of a pattern of meaning. This rhetorical approach implies a variety of strategies by which filmmaker and audience enter into a conspiracy of communication; the emphasis here is on the manner in which the terms of exchange are exposed, the language made visible, the illusion fractured. Prerequisite: Completion of two literature courses.

ENGL 379I — SPECIAL TOPICS IN LITERATURE: SCIENCE AND LITERATURE. Examines outstanding literary works whose content is scientific to ask: (1) how are the scientific method and creative process related? (2) What are the correspondences between the theoretical and the metaphorical imaginations? (3) How is art empirical and empiricism artful? (4) Are there various styles of scientific inquiry, as in literary art? Is there a creative methodology that guides every writer, regardless of style? (5) How are the intentions of science and literature alike, different, at odds? Prerequisite: Completion of two literature courses.

ENGL 379J — SPECIAL TOPICS IN LITERATURE: READING THE BIBLE: PROBLEMS OF INTERPRETATION. Investigates the ways that the Bible has been read from the perspectives of a variety of disciplines through history. The traditional religious way of reading the Bible; the Higher Biblical Criticism as a reflection of 19th century historicism and science; modern readings of the Bible, including psychoanalytic, structuralist, anthropological, and literary interpretations. Prerequisite: completion of two literature courses.

ENGL 379V — SPECIAL TOPICS IN LITERATURE: MODERN POETRY AND THE VISUAL ARTS. Focusing on the interaction of modern poetry and the visual arts, ENGL 379V first examines a variety of analytical techniques of interdisciplinary study. These techniques are then applied to modernism's three most important poets: W. B. Yeats, Ezra Pound and T. S. Eliot, involving an examination of the poems, the poets' comments on how those poems are connected to the visual arts, and the painting, sculpture, and architecture that provide the context for the writers and their work. Prerequisites: Two college level literature courses.

ENGL 412 — LITERATURE OF THE SEVENTEENTH CENTURY, 1600-1660. Examines seventeenth-century English prose and poetry against a background of some of the issues concerning truth and attitudes towards language as a means of communicating truth that arose in part from the Copernican Revolution. In the context of diverse reactions to central epistemological questions, the course will also address such issues as the role of the imagination in aesthetic theory and the role of the artist in society. Prerequisite: completion of two literature courses.

ENGL 420 — LITERATURE OF THE ROMANTIC PERIOD. Treats the beginning of the Romantic Movement in England, presenting major works of poetry and prose against the background of the Industrial Revolution, the French Revolution, and the growth of nationalism. The underlying question in the course, however, is how our view of the world around us, and our presentation of human experience, has been influenced by the Romantic Revolution. Prerequisites: completion of two literature courses.

ENGL 432 — AMERICAN LITERATURE, 1865-1914: REALISM & NATURALISM. This course explores two major modes of thought characteristic of late 19th and early 20th century American literature: Realism and Naturalism. The one was a manifestation of rebellion against romanticism in Post-Civil War America; the other derived from the impact of evolutionary thought on the Judeo-Christian tradition. Among the authors responding to these challenges were Dickinson, Twain, Howells, James, Crane, London, Norris, Dreiser, Robinson, and Frost. Prerequisite: Two lower division English courses, at least one in literature.

ENGL 453 — LITERARY CRITICISM. Studies the problems of linguistic meaning and knowledge, especially as they involve literature. Around the question of "what is literature?" the course explores the nature of a text, the validity of interpretation, and, in general, the relationship between reality, language, and the literary work of art. Prerequisite: completion of two literature courses.

ENGL 489A — SPECIAL TOPICS IN ENGLISH LANGUAGE: THE LANGUAGE OF ADVERTISING. Examines the role of language in fulfilling the two primary purposes of advertising: (1) to inform the consumer and (2) to persuade the consumer to purchase the product. To provide a context for the examination, the course treats not only language which is peculiar to advertising, but also various uses in other kinds of communication, such as the principles governing the use of technical terminology, implications, connotations, etc. Prerequisite: two lower level English courses.

GEOG 370 — PRINCIPLES OF CARTOGRAPHY. Techniques and problems of compilation, symbolization, design and construction of special purpose maps. Focus will be on the methods of improving map design based on the organization of map components and the proper selection of symbols. Lecture/Laboratory.

GVPT 441 — HISTORY OF POLITICAL THEORY: ANCIENT AND MEDIEVAL. A survey of the principal political theories, set forth in the works of writers before Machiavelli. Prerequisite: GVPT 100.

GVPT 442 — HISTORY OF POLITICAL THEORY: MEDIEVAL TO RECENT. A theory course designed to introduce students to some of the central figures in western political theory since the fifteenth century. The student will confront some major problems that have preoccupied political philosophers such as Machiavelli, Hobbes, Locke, Rousseau and Marx. Special attention will be given a discussion of "What is human nature?" and "What is the relationship of the individual to the state?" Prerequisite: GVPT 170.

GVPT 443 — CONTEMPORARY POLITICAL THEORY. The course will revolve around the theme "The Crisis of Modernity and Efforts at Reconstruction." We begin with Nietzsche and his critique of the enlightenment project as well as various other criticisms, and then we will turn to efforts at trying to rebuild a normative basis for modern politics. Prerequisite: GVPT 170.

HEBR 498B — SPECIAL TOPICS IN JEWISH STUDIES: ISSUES IN JEWISH ETHICS AND LAW. An analysis of provocative and controversial issues in family law, business and medical ethics in the light of classical Jewish discussions. Theoretical issues, such as the relationship of ethics to Jewish law, and the dynamics of Jewish law, will also be discussed, Prerequisite: One course in Philosophy or Jewish studies.

HIST 407 — TECHNOLOGY AND HISTORY. This course analyzes the ideas, techniques, and attitudes that underlie the modern industrial order. Technology will be viewed as the product of a certain kind of knowledge used in certain kinds of ways. The radical changes in this kind of knowledge in the four centuries prior to our own will be explored, with particular attention to the causes for these changes. The resulting changes in the application of technological knowledge, with the consequences for Western culture in general will also be incorporated into the analysis. Students will emerge with a better understanding of both the intellectual foundations of technology and the social and cultural context in which these have developed and been applied. Prerequisite: None.

HLTH 498T — WAYS OF KNOWING ABOUT HUMAN STRESS AND TENSION. A critical examination of assumptions related to stress and tension via selected methods in the life sciences, the behavioral sciences, and the arts and humanities. The major goal is to help the student attain a position of responsibility with respect to what he or she knows about stress. Prerequisite: HLTH 285 and completion of the Literature and Art component of the Distributive Studies requirement.

HONR 368 — HONORS SEMINAR: DEVELOPMENT OF KNOWLEDGE

MATH 310 — INTRODUCTION TO MATHEMATICAL REASONING. The course is designed to introduce students at a fairly elementary level to two fundamental aspects of the development of mathematics. These aspects are the concepts identified with "proving" mathematical statements and foundations of analysis. The idea is not to present formal logical systems, but rather to give pragmatic approaches to doing mathematics. Prerequisite: MATH 141.

MATH 406 — INTRODUCTION TO NUMBER THEORY. Gives an introduction to one of the most ancient subjects of human thought: the properties of the natural numbers 1, 2, 3 . . . The natural numbers have always fascinated people, from the mystic to the layman to the scientist. Throughout the ages it has been one of the most popular topics for "amateur" mathematicians. However, the course does require a reasonable mathematical maturity and contains many proofs. Prerequisite: MATH 141.

MATH 430 — EUCLIDIAN AND NON-EUCLIDIAN GEOMETRIES. The subject matter of MATH 430 is visually intuitive, easily accessible (high school geometry is unnecessary), historically and culturally significant. In the history of Science and Philosophy the realization Euclidian Geometry is not uniquely consistent with our spatial intuition was a milestone. Negating the Parallel Postulate produces a geometry as logically consistent and as adequate for studying our surroundings. The course begins with simple definitions, proceeds to state the postulates of geometry and then eases the student into proving the relevant theorems in increasing order of difficulty. Prerequisite: MATH 140, 141 or equivalent.

MUSC 340 — MUSIC LITERATURE SURVEY I. This course highlights inquiry of sound through student involvement in the compositional process. The goal is conceptual understanding, gained through first-hand and direct experiences in composing, conducting, performing, and listening. The teacher's role is to guide, rather than dictate, student exploration, discovery, and evaluation of the totality of the musical art. Prerequisite: MUSC 130, or MUSC 140, or permission of instructor.

PHED 362 — PHILOSOPHY OF SPORT. An introduction to the form and content of the philosophy of sport and the body. The course emphasizes the basis of knowledge in and about sport, the structure and theories of the discipline, the ontological and moral implications and dilemmas involving sport, the aesthetic status of sport, and the interactions between philosophy and the scientific and humanistic aspects of sport. Prerequisite: Three hours of USP Distributive Studies in Physical Education.

PHIL 310 — ANCIENT PHILOSOPHY. Major Greek philosophers through Aristotle, studied in the context of the intellectual revolutions in classical Greece that have shaped western thought ever since. The contrast between mythological and scientific explanations, the emergence of philosophy as a separate discipline, the idea of scientific knowledge, the possibility of a meta-physical science, the creation of logic, and moral theory. Prerequisite: one philosophy course.

PHIL 328B — MARXIST PHILOSOPHY. The major ideas of Marx and Engels (historical materialism, alienation, class struggle, ideology, capitalism, revolution, the state, etc.); with the Hegelian background of Marxist theory; and with 20th century additions and interpretations, including such authors as Lenin, Trotsky, Sartre, Gramsci, Habermas, and a Marxist feminist. Prerequisites: one course in PHIL or GVPT.

PHIL 331 — PHILOSOPHY OF ART. Studies the concept of art in the broad sense, covering painting, sculpture, music, poetry, and architecture. Considers especially the role of knowledge, of various sorts and in various senses, in the emergence of the "fine arts." Ends with a study of the current art scene including both fine and popular, major and minor, mainstream and fringe arts and art works. Prerequisite: two art courses or one philosophy course.

PHIL 332 — PHILOSOPHY OF BEAUTY. Reviews the literature on beauty and related values (the sublime, the exquisite, the graceful, the harmonious), culminating in a contemporary theory which ranges over beauty both natural and man-made, whether sensuous, intellectual or moral. Makes a serious effort to develop an intelligible basis for aesthetic judgements. Course work includes student projects of aesthetic discernment and evaluation. Prerequisite: two art courses or one philosophy course.

PHIL 334 — PHILOSOPHY OF MUSIC. We will attempt to clarify concepts central to thinking about music intelligently, and to formulate reasoned views regarding the nature, methods, power and purpose of music. Some of the questions we will take up are these: What is music? What does understanding music amount to? What is the role of performance in music? In what sense does music have meaning? Can it express emotional states, and if so, how? Is the description of musical qualities an objective matter? Prerequisite: One course in either music or philosophy.

PHIL 447 — PHILOSOPHY OF LAW. Critical philosophical thinking about law in general and about law as it applies to particular types of behavior. Such questions as whether there is an area of private behavior that is beyond the proper authority of the law to limit or regulate; and whether there is a defensible rationale for assigning legal liability for damage negligently caused. Prerequisite: one philosophy course.

PHIL 455 — PHILOSOPHY OF THE SOCIAL SCIENCES. Scientific investigation of human beings in their social and psychological lives gives rise to a number of philosophical puzzles. Do social and psychological phenomena require different methodologies and scientific standards than those employed in the natural sciences? How adequate are the various disciplinary and methodological approaches encountered in the social sciences? What are the relative merits of "grand theories" vs. "middle range" ones? How objective are various standard social science research techniques? These and other issues will be considered in the context of specific social science research studies as well as in abstract. Prerequisite: One course in philosophy or two courses in the social sciences.

PHYS 420 — PRINCIPLES OF MODERN PHYSICS. A one semester introduction to the major revolutions in twentieth-century physics: the special theory of relativity and quantum mechanics. The experimental evidence and the changes in our understanding of the universe that they produce will be examined. Appropriate for engineers and scientists. Prerequisite: PHYS 263 or 294, or PHYS 404, 405; and MATH 241 and 246.

PHYS 421 — INTRODUCTION TO MODERN PHYSICS. This first half of a one-year course deals with the special discovery of relativity, and a discussion of quantum mechanics, its foundations, and its application to one-electron atoms. The second semester continues with applications to complex atoms, molecules, solids, nuclei, and elementary particles. Appropriate for scientists and engineers. Prerequisite: PHYS 294; MATH 241, and some knowledge of ordinary differential equations.

PHYS 499F — TWENTIETH CENTURY PHYSICS. A discussion of the foundations of the profound changes in our understanding of the world that came about as a result of a number of fundamental discoveries in physics. Includes relativity and the dilation of time, the wave nature of particles, and the quantum nature of waves. Prerequisite: one year of algebra-based physics, such as PHYS 121, 133. NOTE: Not recommended for majors in any of the physical sciences.

SOCY 498K — SOCIOLOGY OF KNOWLEDGE. The subject of this course is the creation, objectification and legitimation of what is called "knowledge". Basic approach will be sociological. Instead of seeing knowledge as gained and respected for purely logical or empirical reasons, we will examine the acquisition and acceptance of knowledge as a *social* process, a process through which concepts such as "logical" or "empirical" are themselves constructed and imposed. Prerequisite: Introduction to Sociology, Philosophy or History.

SPCH 450 — CLASSICAL AND MEDIEVAL RHETORICAL THEORY. The theories of speech-making and speech composition as propounded by the Classical Rhetoricians. Special attention is given to Plato, Aristotle, Socrates, Cicero, Quintian, and St. Augustine. Prerequisite: SPCH 200 or consent of instructor.

WMST 400 — THEORIES OF FEMINISM. This course seeks to acquaint students with a variety of explanations for the woman's position in the family, the workplace, and society and a variety of solutions for increasing female autonomy, self-definition, and power. Major feminist writings are considered in the context of their historical moment and in the context of the intellectual traditions to which they relate. Prerequisite: Lower-level WMST course or instructor's permission.

ANALYSIS OF HUMAN PROBLEMS

AEED 323 — DEVELOPING YOUTH PROGRAMS. What kinds of nonformal (out-of-school) educational programs exist to serve youth? Are these programs adequate? This course 1) analyzes youth's personal and program needs outside schools, 2) examines how programs are developed, and 3) explores present policy options and future predictions regarding youth, nonformal education, and society. Prerequisite: EDHD 306 or PSYC 100 or SOCY 100 or SOCY 105.

AMST 330 — CRITICS OF AMERICAN CULTURE. This course traces the analysis of these central social problems from the Colonial period to the present, showing how they retain their basic structures while they acquire new dimensions, new manifestations. The readings are organized to show an informal dialectic, i.e. the problems are presented as oppositions of self-definition, of social policy, and of cultural disposition with attempts of syntheses, or compromises, reconciliations as well. Texts might include, in addition to the works mentioned above, Thoreau's *Walden*, the *Education of Henry Adams*, Ayn Rand's *The Virtue of Selfishness*, and John Dewey's *The Public and Its Problems*, as well as secondary source writings of such American Studies scholars as Henry Nash Smith, Leo Marx, R.W.B. Lewis, Russel Nye and Carl Bode. Course will be organized as a colloquium. Prerequisite: AMST 201 or three hours of American History or PHIL 245.

AMST 418D — CULTURAL THEMES IN AMERICA: GROWING UP AMERICAN. This course examines growing up in the United States, using historical documents, novels, and child-rearing manuals; emphasis on the transmission of values, knowledge, and beliefs. Prerequisite: A prior course in American Studies, History or Sociology.

AREC 365 — WORLD HUNGER, POPULATION, AND FOOD SUPPLIES. An introduction to the problem of world hunger and possible solutions to it. World demand, supply, and distribution of food. Alternatives for leveling off world food demand, increasing the supply of food, and improving its distribution. Environmental limitations to increasing world food production.

AREC 433 — FOOD AND AGRICULTURAL POLICY. Discussion of the major food and agricultural issues, the rationale for governmental intervention and the main ways governments intervene. Use of elementary economic theory and statistics to analyze food and agricultural issues and alternative policy solutions. Students will be shown how to collect, present and analyze data and to propose and evaluate policy solutions. A term paper is required. The best ones will be submitted to the departmental publications committee for review for possible publication. Prerequisite: AREC 250 or ECON 205 or 201, Introductory Statistics.

AREC 453 — NATURAL RESOURCE ECONOMICS AND PUBLIC POLICY. Economics of natural resources scarcity. Theory, empirical methods and policy in the allocation of natural resources with special emphasis on renewable resources such as soil, water, fisheries. The role of prices and property rights in allocation of resources. Issues such as resource pricing, recycling, and direct regulation of resource use will be analyzed. Application of benefit-cost analysis to problems of market failure. An assessment of the strengths and weaknesses of benefit-cost analysis as a guide for decisions. Prerequisite: ECON 203 or AREC 250 or equivalent.

CNEC 310 — CONSUMER ECONOMICS AND PUBLIC POLICY. Designed to provide students with an understanding of the role of the private and public sector in meeting consumer needs. The need for social intervention and procedures for evaluating the impact of such intervention are discussed. Case studies are used to illustrate the interaction between economic and political considerations. Prerequisite: ECON 201 and 202.

CNEC 410 — CONSUMER FINANCE. An economic approach to the problems of income allocation and consumer financial planning, including income maximization, principles of asset choice, financial management and risk management. The effects of fiscal and monetary policies on lifetime economic planning. May not be taken by students who have credit for FMCD 441. Prerequisite: ECON 201 and 202.

CNEC 431 — THE CONSUMER AND THE LAW. A study of legislation affecting consumer goods and services. Topics covered include product safety and liability, packaging and labeling, deceptive advertising, and consumer credit. The implications of such legislation for consumer welfare with particular emphasis on the disadvantaged groups in our society will be examined. These questions are analyzed on both a theoretical and on an applied level. Prerequisite: Completion of Social & Behavioral Science requirement.

CNEC 437 — CONSUMER BEHAVIOR. An application of the behavioral sciences to a study of consumer behavior. Current theories, models and empirical research findings are explored. Prerequisite: PSYC 100 and SOCY 100.

DHCR 400 — THE FUTURE OF THE HUMAN COMMUNITY. The methods of projecting and planning developed in the field of future studies will be applied to the evolution of the social and cultural institutions that deal with a series of related human problems — education, information exchange, child-rearing, human relationship, leisure, health, and the provision of food and shelter. Prerequisite: Completion of the Social and Behavioral Sciences requirement.

ECON 415 — INTRODUCTION TO ECONOMIC DEVELOPMENT OF UNDERDEVELOPED AREAS. Examines the problems confronting less developed nations and considers the economic, political, and social factors which influence their growth. Comparisons are made between the experience of developed and less developed nations. Appropriate policies with regard to agriculture, capital formation, education, foreign trade, and planning are reviewed, with illustrations from planned and market economics. Prerequisite: ECON 201 and 203; or 205.

ECON 490 — SURVEY OF URBAN ECONOMIC PROBLEMS AND POLICIES. Analyzes the development of cities and the effects of growth patterns on the welfare of city residents. Examines decentralization of employment, housing service, taxes, and zoning. The course reviews the organization of local government and how conflicts between government policies arises. Prerequisite: ECON 201 and 203; or 205.

EDCP 420 — EDUCATION AND RACISM. This course is designed for students who seek to understand the causes and effects of racism in educational settings. The course will examine the origins of racial attitudes in American society, individual versus institutional racism, the effects of racial bias, the measurement and alteration of racial attitudes, sources and expressions of institutional racism, and the design and evaluation of programs to counter racial bias in educational settings.

EDHD 413 — ADOLESCENT DEVELOPMENT. Students will examine the physiological, psychological and societal aspects of adolescent development. They will analyze data and seek solutions to adolescent problems such as delinquency and teenage pregnancy. Each will conduct a field-based case study of a normal adolescent. Class discussion and participation is emphasized. Prerequisite: PSYC 100 or EDHD 306 or equivalent.

EDHD 445 — GUIDANCE OF YOUNG CHILDREN. Study of the various theories, research methodologies, and observational techniques which contribute to our knowledge of child development; the designing of environments most likely to provide for optimal growth; the impact of cultural differences on child development; application toward problems affecting children such as family structure. Prerequisite: PSYC 100, EDHD 306 or the equivalent.

EDIT 476 — APPLICATION OF TECHNOLOGY TO SOCIETAL PROBLEMS. Study of alternative solutions of a technological nature to such societal problems as housing, transportation, energy, communications, production, trash and waste disposal, water development, and pollution control. Explores and examines the decision-making processes involved in determining suitable selections. Prerequisite: 6 semester hours in Behavioral/Social Sciences and 6 semester hours in Natural/Physical Sciences.

EDIT 488T — ISSUES CONFRONTING FAMILIES PAST AND FUTURE: A MULTIDISCIPLINARY EXAMINATION. This course is designed to examine issues confronting families now and in the future. The theoretical framework focuses on how technology, communication, and values affect family decisions regarding a variety of issues. These issues include roles, management of resources, work, health, and information seeking. Prerequisites: PSYC 100 or SOCY 100.

ENAG 315 — ENERGY: ITS EFFECT ON AGRICULTURE AND FOOD. Study of the national and international energy supply problem and its effect on agricultural production and the food supply. Technical and political issues, alternate energy sources and other possible solutions and their limitations are discussed. Students have the opportunity to evaluate the solutions and issues and to offer their own in-depth analysis, suggestions and concerns for improving our nation's energy situation. Prerequisites: Junior standing and completion of the Natural Sciences and Mathematics requirements.

ENGL 379N — SPECIAL TOPICS IN LITERATURE: THE LITERATURE OF SENTIMENT AND SENTIMENTALITY. Treats the beginning of the Romantic Movement in England, presenting major works of poetry and prose against the background of the Industrial Revolution, the French Revolution, and the growth of nationalism. The underlying question in the course, however, is how our view of the world around us, and our presentation of human experience has been influenced by the Romantic Revolution. Prerequisite: Completion of two literature courses.

ENGL 379Q — SPECIAL TOPICS IN LITERATURE: UTOPIA & UTOPIAN VISIONS. Treats the development of the Utopian genres in literature and the transformation of some dystopian texts into films. The course emphasizes responses to the following human problems: Frederick Winslow Taylor's "Scientific Management" and modern technocracy, the anti-feminine tradition and feminism, the modern state and individual freedom, the distribution of wealth and the philosophy of pleasure, eugenics and euthanasia, and, finally, the problem of art vs. propaganda as confronted by the author of utopias. Prerequisite: Completion of two literature courses.

ENGL 379T — SPECIAL TOPICS: ON ARGUMENT. Focuses generally on the problem of defining and developing a new nation that seeks to be an ideal regenerative community and specifically on the role of utopian ideals and the problem of sustaining those ideals, as revealed in 19th-century American literature. The course treats such classic authors as Cooper, Hawthorne, and Melville as well as such neglected writers as Rebecca Harding Davis, Harriet Wilson, and the anonymous women factory workers in 1840's Lowell. Prerequisite: Completion of two literature courses.

ENTM 303 — INTERNATIONAL PEST AND PESTICIDE PROBLEM: ANALYSIS AND SOLUTION. A global assessment of scientific, economic, social and environmental consequences of pests, pesticides, and alternative pest control methods. Case studies to examine how human perceptions, international aid, multinational corporations, laws, and other factors affect use of pesticides and alternative methods. Emphasis on Third World problems and solutions. Designed to complement AGRO 303 International Crop Production. Prerequisite: BOTN 100, ZOOL 101, or equivalent.

FMCD 381 — POVERTY & AFFLUENCE AMONG FAMILIES & COMMUNITIES. An analysis of economic inequality in American society. Issues discussed are: (1) What is the appropriate definition of poverty in an affluent society? (2) What social mechanisms best explain the distribution of wealth? (3) What is our normative evaluation of the distribution of wealth? (4) What is the proper role of the government in regulating the distribution of wealth?

FMCD 431 — FAMILY CRISES AND INTERVENTION. This course focuses on significant changes affecting families which ultimately require major adjustments in interpersonal and intrapersonal functioning. A wide range of crises is covered, including divorce, death, alcoholism, drug abuse, single parenting, suicide, child abuse, and serious physical illness. Issues and concerns of normative and catastrophic transitions during the developmental stages in the family life cycle are stressed. Alternative theories of family crisis are compared, and approaches to prevention and treatment of crises are presented. Prerequisite: Social Science Distributive Requirements.

FMCD 487 — LEGAL ASPECTS OF FAMILY PROBLEMS. Investigates the legal aspects of family problems within the context of the social and economic changes of the twentieth century. Focus of the course initially will be on the familiar topics of marriage and divorce, and will cover procreation, including those problems posed by new reproductive techniques. Also covered will be controversies involving the custody of children, the rights of family members after divorce and unmarried cohabitation.

FMCD 497 — THE CHILD AND THE LAW. This course will focus on children in the legal system, especially children's legal rights. Constitutional rights of children, children in the juvenile justice system, child custody disputes, child abuse and neglect, intake and diversion, and the rights and duties of minors for their torta and contracts will be discussed. A goal is to prepare students and professionals to become more effective and efficient persons in the helping professions and more informed about the rights and obligations of minors under the law. Prerequisite: Completion of Social Science Distributive Studies requirements.

FREN 478C — I AND THEY: THE CONFLICT BETWEEN THE INDIVIDUAL AND SOCIETY IN FRENCH LITERATURE. Examines how major French writers (Montaigne, Moliere, Sartre and others) confront the question of the conflicting demands made by the individual and society. Students examine the issues raised and give reasoned critiques of the attitudes expressed. The texts provide an opportunity to reflect on a wide variety of the problems which confront us as we attempt to balance the demands of personal integrity and social cohesion. In English.

GEOG 434 — AGRICULTURAL AND RURAL DEVELOPMENT. Hunger, starvation and poverty affect one fourth of the world's population. The majority of these people live in the rural areas of Africa, Latin America, and Asia. This course deals with agricultural and rural development for the alleviation of hunger and poverty. Prerequisites: Junior or higher standing; completion of the Social and Behavioral Sciences Distributive requirements.

GEOG 464 — ENERGY RESOURCES AND PLANNING. This course examines U.S. energy consumption and supply patterns. It focuses on current uses, regional availability, and constraints to expanding the use of fossil fuels, nuclear energy, renewable resources, and energy conservation. Students develop the ability to critique energy policies and their effects on non-energy issues such as state and regional development, low-income populations, environmental quality, and national security. Prerequisite: Junior or higher standing and completion of the Social and Behavioral Sciences Distributive Studies requirement.

GERM 389 — REASON & FAITH. An examination of the basic issue of "reason and faith" with readings drawn from both classical and contemporary writers and philosophers such as Bacon, Pascal, Voltaire, Kant, Goethe, Kierkegaard, Kafka, Camus, and Russell. Discussion will center on the crucial role the concepts "reason and faith" play in the daily decision-making process. Prerequisite: An introductory course in one of the following areas: literature, philosophy, cultural anthropology, psychology or sociology.

GVPT 405 — PROBLEMS OF AMERICAN PUBLIC POLICY: DEFENSE POLICY AND ARMS CONTROL. Contemporary issues of military strategy and international security are covered, including: nuclear war, conventional (limited) war, guerrilla insurgency, arms control, disarmament, moderation of war, defense policy processes, and defense economics. Prerequisite: GVPT 170 or consent of instructor.

GVPT 432 — CIVIL RIGHTS AND THE CONSTITUTION. This constitutional law course is designed to help students learn about their own civil rights and civil liberties as American citizens. Substantively, the course deals with criminal due process rights, free expression and religious liberty, sex and discrimination. The semester culminates with the presentation of a "moot court." Prerequisite: GVPT 170 and 431.

GVPT 457 — AMERICAN FOREIGN RELATIONS. The principles and machinery of the conduct of American foreign relations, with emphasis on the department of state and the foreign service, and an analysis of the major foreign policies of the United States. Prerequisite: GVPT 170.

GVPT 462 — URBAN POLITICS. An overview of the socio-economic and political problems in urban America, particularly in the large cities. Analytical concepts to be used include community power, group influence, poverty, and ethnicity and bureaucratic theory. Prerequisite: Completion of Distributive Studies, Area D requirements.

GVPT 471 — WOMEN AND POLITICS. An examination of patterns of political participation among women and of problems of public policy especially relevant to women. Prerequisite: GVPT 170 or permission of instructor.

HIST 312A — CRISIS AND CHANGE IN THE UNITED STATES: THE CHANGING URBAN SCENE. This course explores the changing urban scene in the U.S. with emphasis on the effects of urbanization on values, family patterns, inter-group relations and social structure. Theories about urbanization will be considered in relation to the historical evidence regarding cities at different stages of the national development.

HIST 312B — CRISIS AND CHANGE IN THE UNITED STATES: DYNAMICS OF FEDERAL INDIAN POLICY. This course offers in-depth analysis of federal Indian policies in the United States, presenting key periods in the development of policy toward native Americans and inviting students to evaluate the moral dilemmas which shifting federal policies have posed. The course emphasizes receptivity to different cultures and values. Prerequisite: One history course.

HIST 316A — CRISIS AND CHANGE IN LATIN AMERICA: SLAVERY AND RACE RELATIONS. This course attempts to help students understand the similarities and differences in the slave systems and the parallel racial tensions that developed in the Americas since the sixteenth century. Emphasis will be placed upon the formation of the slave societies, the tensions caused by the abolition movements that led to the end of the slave era, and the evolutions of modern racism. Prerequisite: one history course.

HLTH 476 — DEATH EDUCATION. Examination of the genesis and development of present day death attitudes, meanings given death, and death related behaviors and practices. Students are asked to analyze the human response to one's own death, death of beloved others, and the possibility of horrendous deaths by means of conventional and nuclear war, homicide, etc. Prerequisite: Completion of Distributive Studies, Area D.

HONR 378 — HONORS SEMINAR: ANALYSIS OF HUMAN PROBLEMS

NUTR 425 — INTERNATIONAL NUTRITION. Nutritional status of world populations and programs for improvement. Objectives: to gain understanding of cultural and environmental factors which affect diet and nutrition; to see the complexity of nutrition problems; to explore possible solutions in various ecological areas based on insights developed from the foregoing considerations. Prerequisite: One course in nutrition.

PERH 490 — THEORIES OF CHILDREN'S LOVE AND PEACE BEHAVIORS. Students will be asked to read, discuss, and analyze the biological, social and psychological factors which increase and decrease the probability of children developing into loving and peaceful individuals. The student is then asked to modify a bio-social-psychological stress model with its implications for individual, community, and global peace and well-being. Field trips and films of love and peace-oriented research, schools and programs are included in the course. Prerequisite: Completion of Distributive Studies, Area D.

PHIL 308F — PHILOSOPHICAL ISSUES IN FEMINISM. Theoretical frameworks underlying issues of feminism, including theories for and theories against feminist conclusions. Major topics include sex/gender roles, the nature of sexuality, equal rights, pornography, abortion, the family, feminist socialism, and anti-feminism. The course aims at clarity concerning conceptual and logical questions raised by feminist and anti-feminist positions. The final topic is the possibility of gender bias in the approach used in the course itself. Prerequisite: One course in Philosophy.

PHIL 408A — ANALYSIS AND DESIGN OF LEGAL AND MORAL INSTITUTIONS. A study of the relationship between moral principles and the actual design and operation of social institutions and practices. The course seeks to determine whether there are foundational standards by which rules of law and/or morality can be assessed, and to determine the bearing of such standards on social mechanisms such as contracts or procedures for mediation of disputes. Prerequisite: One course in philosophy and one course in Economics or Government and Politics.

SOCY 305 — SCARCITY AND MODERN SOCIETY. This course is an exercise in the extremely difficult task of social forecasting. It begins with a review of environmental problems, focusing on the need for social change to preserve the capacity of the ecosystem to support populous modern societies. The remainder of the course analyzes theories of social change, recent changes which directly or indirectly affect the man/environment relationship, and theories of social engineering to produce changes in future societies. Prerequisite: SOCY 100 or 300.

SOCY 325 — SEX ROLES. Course is about gender. It's about living in a world in which the fact that you are male or female colors virtually every aspect of your life from cradle to grave. It influences the care and training you receive from parents, the play activities and playmates available to you, what is expected of you and offered to you in school, the nature of your friendships, your interests and life goals, your experience of marriage and parenting, your job, your earnings, your physical and emotional health, the quality of your healthcare, your rights and protections under the law, your proneness and vulnerability to violence, your eligibility for military service, and your very life expectancy. Prerequisite: SOCY 100 or SOCY 105.

SOCY 333 — TECHNOLOGY AND SOCIETY. Provides an analytical framework for understanding how societies evolve over time because of the growing importance of knowledge and technology. Emphasizing the growing sophistication of technology in machines from loom to robot and how it changes the level of education of workers, the way in which work is performed, and the way in which organizations are structured. How to contain technology's negative consequences and enhance its positive consequences is a continual theme through the course. Prerequisite: Introductory course in Sociology, Economics or Government.

SOCY 427 — DEVIANT BEHAVIOR. Current theories of the genesis and distribution of deviant behavior, definitions of deviance, labeling theory, secondary deviance and their implications for a general theory of deviant behavior. Prerequisite: SOCY 327 or 12 credits in Sociology, or permission of instructor.

SOCY 464 — MILITARY SOCIOLOGY. This course is concerned with the role of the military in American society. It considers the strengths and weaknesses of our current all-volunteer force, as compared to national service systems. It attempts to ascertain what America's needs are in military manpower and organization in a "peace time" environment. It examines the emerging role of American military personnel as members of peacekeeping forces. Prerequisite: SOCY 100 or 105.

ZOOL 346 — HUMAN GENETICS AND SOCIETY. For non-biological science students seeking an understanding of genetics, especially as it relates to humans and the decisions that they may have to make as individuals and members of society. The study of genes, mutations and transmittals, and the effect of, recent discoveries on present and future generations. Prerequisite: two college courses in the Natural Sciences and/or Mathematics.

ZOOL 381 — NATURAL HISTORY OF THE CHESAPEAKE BAY. Consideration of the major groups of organisms associated with the Chesapeake Bay and current issues that determine man's present and future uses for the bay and its biota. Prerequisite: A course in biological sciences or permission of the instructor.

ADVANCED STUDIES: APPROVED COURSES

(To Be Offered in Future Semesters)

DEVELOPMENT OF KNOWLEDGE

AMST 418E	The American Image of Africa
AMST 428A	American Cultural Eras: Social Dramas in American Cultural History
AMST 432	Literature and American Society
ARHU 309	Philosophies of Art
BCHM 361	Origins of Modern Biochemistry
CJUS 330	Contemporary Legal Policy Issues
ENGL 379K	Special Topics in Literature: Private Lives
ENGL 379L	The Great Divide: The Modern and Pre-Modern Worlds
ENGL 379M	Britain in the Age of Revolution, 1760-1820
ENGL 385	Semantics
GEOL 301	Evolution in Geology
GERM 479B	Language and Science
GNED 301	The Arts and the Sciences
GVPT 443	Contemporary Political Theory
HEBR 498R	Reconstructing Ancient Civilizations: The Case of Mesopotamia
HIST 311	Approaches to the Past: Approaches to European Social History
HIST 311	Approaches to the Past: Historiography
HIST 311	Science and History
HIST 401	The Scientific Revolution
HIST 402	Development of Modern Physical Science
HIST 412	Readings in Psycho-History
HSAD 451	Gaming Simulation in Design I
LING 440	Grammars and Cognition
MUSC 448E	Music and Science
NUTR 335	History of Nutrition
PHIL 308	Philosophy of Literature and Film
PHIL 308	Discovery and Analogy in Science
PHIL 308	Philosophy and Computers
PHIL 308D	Philosophy of History
PHIL 408	Philosophical Issues in Art History
PHIL 408	Aesthetic Theory & Philosophy of Criticism
PHIL 408	Contemporary French & German Philosophy
PHIL 408	The Nature of Scientific Understanding
PHIL 428A	Origins of the Modern Scientific World-View
PHIL 450	Scientific Thought I
PHIL 451	Scientific Thought II
PHIL 452	Philosophy of Physics
PHIL 453	Philosophy of Science II
PHIL 454	Philosophy of Economics
PHIL 456	Philosophy of Biology
PHIL 458A	Philosophy of Agricultural Science
PHIL 458X	Causation and Causal Thinking
PHIL 465	Philosophy of Psychology
PHIL 472	Philosophy of Mathematics
PHYS 490	History of Modern Physics
SOCY 403	Intermediate Sociological Theory
SPAN 406	Communication and Structure
THET 495	History of Theatrical Theory and Criticism
ZOOL 301	Biogical Issues & Scientific Evidence
ZOOL 328F	The Brain

ANALYSIS OF HUMAN PROBLEMS

AGRO 303	International Crop Production
AMST 418B	Culture and Mental Disorders
AMST 418C	Cultural Themes in America: The American Environment: Conservation and Ecology
AMST 428B	American Cultural Eras: American Film Culture in the 1960's
ANTH 389B	Medical Anthropology
ARHU 308	Post World War II Japan Through Film and Fiction
CHEM 374	Technology, Energy and Risk
CLAS 374	Greek Tragedy in Translation
CNEC 435	Economics of Consumption
ECON 451	Public Choice and Public Policy
EDCI 381	Schools and Children
EDPA 488G	Technology, Social Change and Education
ENGL 379F	Coping with Change
ENGL 379R	Different Views of the Bay
ENGL 379S	Changing Ideas of the City in Western Literature
ENGL 479G	Selected Topics in English and American Literature after 1800: Ideal and Real Communities in 19th Century American Literature
FREN 478B	Themes and Movements of French Literature in Translation: French Women Writers
FREN 479A	The Age of Anxiety: The Literature of Existentialism and the Absurd
FREN 479D	Themes and Movements in French Literature in Translation: Ideologies and Relations Between the Sexes
GEOG 462	Water Resources and Water Resource Planning
GEOG 463	Geographic Aspects of Pollution
GEOL 302	Analysis of Environmental Pollution of Mining and Mineral Utilization
GERM 389J	Honor as a Theme in Western Literature
GVPT 403	Law, Morality and War
GVPT 405	Defense Policy and Arms Control
HIST 313	Crisis & Change in European Society: Freedom and Authority
HIST 314	Crisis & Change in the Middle East and Africa
HIST 317	The Professions and Society
HIST 459	Special Topics in Women's History: Victorian Women
ITAL 411	Dante
NUTR 425	International Nutrition
NUTR 498H	Development and Modification of Food Habits
PHIL 308B	Philosophy of Life
PHIL 340	Making Decisions
PHIL 342	Moral Problems in Medicine
PHIL 408L	Racial and Sexual Discrimination
PHIL 441	History of Ethics
PHIL 446	Law, Morality and War
PHYS 318	Topics in Contemporary Physics: The Risks of Nuclear Power
SOCY 431	Formal & Complex Organizations
SOCY 441	Social Stratification and Inequality
SOCY 460	Sociology of Work
SOCY 498A	Medical Sociology
SOCY 498N	Sociology of Nuclear War
SOCY 498W	Work, Family, Community and Friendship: Issues in Social Identity and Well Being
SPCH 425	Communication & Sex Roles

What's New and Interesting

DISTINGUISHED SCHOLAR-TEACHER COURSES

In 1978-79 the Campus initiated the Distinguished Scholar-Teacher Program whereby outstanding scholar-teachers will offer a series of special courses with an interdisciplinary emphasis. Each of the Distinguished Scholar-Teachers offers one course open to undergraduate students regardless of major. For the fall semester, the courses and instructors will be:

FMCD 381 — POVERTY AND AFFLUENCE AMONG FAMILIES AND COMMUNITIES (3) Dr. Richard C. Hula, Department of Family and Community Development, Tu-Th/12:30-1:45. An analysis of inequality in American society. Issues discussed include: (1) What is the appropriate definition of poverty in an affluent society? (2) What social mechanisms best explain the distribution of wealth? (3) What is our normative evaluation of the distribution of wealth and (4) What is the proper role of government in regulating the distribution of wealth.

HIST 365 — THE PROGRESSIVE PERIOD: THE UNITED STATES, 1896-1919 (3) Dr. Louis R. Harlan, Department of History, Tu-Th/11:00-12:15. How the Wm. McKinley-T. Roosevelt-W. H. Taft/Woodrow Wilson administrations dealt with the trust, money, tariff, and black issues. World War I is treated briefly.

SOCY 333 — TECHNOLOGY AND SOCIETY (3) Dr. Jerald Hage, Department of Sociology, M-W-F/1:00. A discontinuous period of change in technology and knowledge has created post-industrial society. The course looks at whether or not we need a new kind of people, family, organizations, and institutions in their new society. Also of importance is the role of power in controlling the pace of technological change and its consequences for people.

The Distinguished Scholar-Teachers represent the best instruction offered at College Park. In view of the general interest of these courses, the instructors will welcome to the classroom any member of the campus community who wishes to attend some or all of the lectures. No advance arrangements are necessary.

DEPARTMENT OF AGRONOMY

AGRO 105 — SOIL AND ENVIRONMENT. USP Natural Science and Math Approved Course. There is more to soil than just dirt. The course uses an ecological approach and a worm's-eye global tour to get you involved in such critical issues as water pollution, land-use planning, hunger, homesite selection, and gardening. T/Th 5:15-6:30.

AGRO 302 — GENERAL SOILS. USP Natural Science and Math Approved Course. An ecological approach to the fundamentals of soil properties and management, the course deals with the soil as a natural body and a medium for plant growth. An opportunity to apply principles of basic science to growing plants, waste disposal, environmental quality, and soil erosion. Lecture: T/Th 3:00-4:45. Labs: Tu 10-1, Tu 5-8, or Th 9-12.

DEPARTMENT OF AMERICAN STUDIES

AMST 204 — FILM AND AMERICAN CULTURE STUDIES. Investigates the motion picture as a form of communication within American culture. Topics include: the film industry's changing relationship to 20th century society, the genre movie as public ritual, the diversified nature of audience psychology, a comparative study of mainstream films, avant-garde cinema, and movies made by the Navajo. Prof. Lounsbury TuTh 2:00.

AMST 330 — CRITICS OF AMERICAN CULTURE. Examines definitions of American purpose and generalizations about American character and society from the colonial period to the present. Prof. Mintz MWF 11:00. Approved for Advanced Studies, Analysis of Human Problems.

COLLEGE OF BEHAVIORAL & SOCIAL SCIENCES

BSOS 308 — CONTEMPORARY ISSUES: INTERDISCIPLINARY APPROACHES; ETHICAL ISSUES IN SOCIAL SCIENCE RESEARCH (3). The course examines moral and ethical issues which arise in social science research and its uses. The course involves discussions of case studies involving issues of deception and informed consent, confidentiality, use of human subjects, fraud and misrepresentation, social intervention, etc. Students will have an opportunity to develop an awareness of the ethical issues implicit in research dealing with people and to gain sophistication in dealing with those issues as both researchers and consumers of research. Prerequisite: An introductory course in one of the social sciences or BSOS 101/200.

DEPARTMENT OF BOTANY

BOTN 211 — ECOLOGY AND MANKIND. An up-to-date course which focuses on basic ecological principles as they relate to our current dilemmas of overpopulation, water pollution, food shortages, nuclear energy, acid rain, and our energy crises. The course is specifically designed for individuals without prior exposure to the biological or physical sciences, yet many science majors will also benefit from its approach and content. Lectures are supplemented with excellent movies from the NOVA series. Approved for USP Distributive Studies Area B. No prerequisites.

INSTITUTE OF CRIMINAL JUSTICE AND CRIMINOLOGY

CRIM 360 — VICTIMOLOGY (3) (V. Young). Overview of the history and theory of victimology. Analysis of victimization, patterns with special emphasis on types of victims and crimes. The interaction between victims of crime and the criminal justice system with respect to the role of the victim and services offered to the victims.

DEPARTMENT OF ECONOMICS

The Department will offer "pre-honors" versions of ECON 201, section 0501, and ECON 203, section 0401, during the fall semester, and again in the spring semester (sections to be announced), presenting a more in depth treatment of economic principles. The criteria for admission is SAT scores of 1150 or a 3.2 G.P.A. at Maryland. To enroll in these restricted sections, please come to the advising office (Q3115Q) for approval. (ECON stamp needed for admission).

ECON 441 — THEORY OF INTERNATIONAL ECONOMICS (3). Theoretical treatment of international trade and international finance. Includes: Richardian and Hecksher-Ohlin theories of comparative advantage, analysis of tariffs and other trade barriers, international factor mobility, balance of payment adjustments, exchange rate determination, and fiscal and monetary policy in an open economy. Credit will be given for only one course: ECON 440 or ECON 441. Prerequisites: ECON 401 or ECON 405 and ECON 403 or 406.

ECON 484 — THE ECONOMY OF CHINA (3). Policies and performances of the Chinese economy since 1949. Will begin with a survey of modern China's economic history. Emphasizes the strategies and institutional innovations that the Chinese have adopted to overcome the problems of economic development. Some economic controversies raised during the "cultural revolution" will be covered in review of the problems and prospects of the present Chinese economy. Prerequisites: ECON 201 and ECON 203; or ECON 205.

Prospective Economics Honors candidates should take ECON 405 and ECON 406, offered in alternate semester only, as early as possible, as well as ECON 422.

DEPARTMENT OF ENTOMOLOGY

ENTM 303 — INTERNATIONAL PEST PROBLEMS AND SOLUTIONS (3). Prerequisite: BOTN 100, ZOOL 101, BIOL 101 or 102, or equivalent. Global assessment of scientific, economic, social, and environmental consequences of pests, pesticides, and alternative pest control methods. Case studies examine how human perceptions, international aid, multinational corporations, laws, and other factors affect use of pesticides and alternative methods. Emphasis on Third World problems and solutions. Designed to complement AGRO 303 International Crop Production. First offering Fall 1986. For further information, contact Dale G. Bottrell, X2832.

DEPARTMENT OF FOOD, NUTRITION, AND INSTITUTION ADMINISTRATION

FOOD 110 — FOOD FOR PEOPLE. Investigate the comprehensive and complex role of food in our society. Discuss food-related behavior and attitudes of individuals, industry, and government. Clarify the influence of food on national and international economics and politics. USP Distributive Studies (D).

NUTR 425 — INTERNATIONAL NUTRITION. Prerequisite: course in basic nutrition. Study the nutrition problems of less developed countries where malnutrition is endemic. Examine physiological and sociocultural factors leading to malnutrition in vulnerable population groups. Compare strategies for the solution of international nutrition problems. USP Advanced Studies — Analysis of Human Problems.

FOREIGN LANGUAGE PROGRAM

FOLA 138-159 — DIRECTED STUDY OF A FOREIGN LANGUAGE. A unique program offering languages not widely taught. Currently offered: Romanian, Hungarian, Modern Greek, Dutch, Polish, Persian (Farsi), Hindi, Norwegian, Turkish, Egyptian Arabic, Korean and Urdu. Other languages may be offered if there are enough interested students and sufficient notice. Uses textbook and cassette tapes and regularly scheduled meetings with a native speaker. Enrollment by permission only.

DEPARTMENT OF FRENCH AND ITALIAN

FREN 200 — FRENCH FOR READING. This course prepares students to translate from French to English on advanced level. No previous knowledge of French required. (Dr. Ann Demaitre)

FREN 489 — FRENCH THEATER. The course will focus on the human condition as reflected in the French theater. The literary and dramatic means of conveying the tensions inherent in the human condition will be illustrated by plays originating in diverse cultural and social climates ranging from Classicism to the contemporary scene. Close reading of texts will be stressed. (Dr. Ann Demaitre)

ITAL 121 — ACCELERATED ITALIAN. First half of a two-semester cycle. With 122 satisfies the Arts and Humanities language requirement. No previous knowledge of Italian required. May be taken as an Honors course (121H). Meets Distributive Education requirement, Area A. (Mrs. Camilla Russell)

ITAL 376 — THE ITALIAN OPERA LIBRETTO (3). A study of the Italian opera libretto from Monteverdi through Mozart to Verdi and Puccini. Emphasis on word-music relationship, historical and literary background. In English; no knowledge of Italian required. Meets Distributive Studies requirement, Area C. (Dr. Charles Russell)

ITAL 475 — THE ITALIAN CINEMA. In English. No knowledge of Italian required. Emphasis on Italian society and culture, Italian directors (Pastrone, Visconti, Rossellini, De Sica, Fellini, Bertolucci, Rosi, Wertmuller, Cavani, etc.) and on the relationship between literature and film. (Dr. Vittorio Felaco)

ITAL 204 — REVIEW GRAMMAR AND COMPOSITION. This grammar course prepares students for all upper level courses in Italian. Grammatical, syntactical, stylistic problems are met head on with appropriate drills and exercises. All work in Italian, except for some comparative and translation work. (Dr. Vittorio Felaco)

DEPARTMENT OF GEOGRAPHY

GEOG 130 — DEVELOPING COUNTRIES. Satisfies USP-D requirement. An introduction to the geographic characteristics, development problems and prospects of less developed countries. The distribution of poverty, emerging livelihood patterns, migration and urban growth, agricultural productivity, rural development and international trade. Portraits of selected developing countries.

GEOG 140 — COASTAL ENVIRONMENTS. Satisfies USP-B requirement. An introduction to coastal processes and resulting landforms including wave propagating and nearshore currents, tides, sea level fluctuations over geologic time, granulometry, aeolian processes and resulting dune formations, genesis and morphology of barrier island systems, coastal management issues with emphasis on the mid-Atlantic, Florida Gulf and British coasts.

GEOG 150 — WORLD CITIES. Satisfies USP-A requirement. A view of major world cities in terms of their city structure and position in functioning city systems. The impact of changing technologies, economic and social change on cities today.

GEOG 201 — GEOGRAPHY OF ENVIRONMENTAL SYSTEMS. General survey course on how physical systems operate on the surface of the earth and in its atmosphere. Taken alone, this course satisfies USP-B non-lab requirement; taken with GEOG 211, both courses satisfy USP-B lab requirement.

GEOG 202 — THE WORLD IN CULTURAL PERSPECTIVE. Satisfies USP-A requirement. The imprint of cultural traits, such as religion, language and livelihood systems, on the earth's landscape. The transformation of the earth's surface as a result of cultural diversity, settlement patterns, political organization, cultural evolution, and population growth.

GEOG 203 — ECONOMIC GEOGRAPHY. Satisfies USP-D requirement. The spatial characteristics of world economic activities. Population patterns; technology and economic development; principles of spatial interactions in trade; transportation networks; the city as an economic mode; the location of industries and services; the production and trade of agricultural and energy products.

GEOG 211 — GEOGRAPHY OF ENVIRONMENTAL SYSTEMS LABORATORY. Analyze weather maps, topographic maps, air photos and utilize weather instruments to learn more about the structure and workings of the earth and its atmosphere. Flexible times to fit your schedule. Satisfies USP-B lab requirement.

GEOG 305 — QUANTITATIVE METHODS IN GEOGRAPHY. Statistical analysis of graphs, maps and mapable data using a scientific programmable calculator. Weekly exercises required.

GEOG 321 — MARYLAND. Satisfies USP-A requirement. The physical environment, natural resources, and population in relation to agriculture, industry, transport, and trade in the State of Maryland and adjacent areas.

GEOG 322 — CENTRAL AMERICA, THE CARIBBEAN AND MEXICO. The physical framework, broad economic and historical trends, cultural patterns, and regional diversification of Mexico, Central America, the West Indies.

GEOG 345 — CLIMATOLOGY. In-depth survey of earth's atmospheric environment focusing on development of regional climate, including solar energy distribution and use by the surface, winds and weather.

GEOG 350 — THE AMERICAN CITY: PAST AND PRESENT. Satisfies URBS 320 requirement. Overview of development of the American city and its contemporary characteristics. Comparisons with cities in other parts of the world. Examples drawn from the local metropolitan areas of Washington and Baltimore.

GEOG 372 — REMOTE SENSING. Principles of remote sensing in relation to photographic, thermal infra-red and radar imaging. Methods of obtaining quantitative information from remotely-sensed images. Interpretation of remotely-sensed images emphasizing the study of spatial and environmental relationships.

GEOG 410 — COLONIAL NORTH AMERICA. The changing geography of the U.S. and Canada from pre-Columbian times to the end of the 18th century. Emphasis on areal variations, and changes in the settlements and economies of Indian and colonial populations. Areal specialization, and the changing patterns of agriculture, industry, trade and transportation. Population growth, composition and interior expansion. Regionalization.

GEOG 430 — LOCATION THEORY & SPATIAL ANALYSIS.

GEOG 434 — AGRICULTURAL AND RURAL DEVELOPMENT. Satisfies USP-Human Problems requirement. The nature of agricultural resources, the major types of agricultural exploitation in the world and the geographic conditions. Main problems of conservation.

GEOG 454 — WASHINGTON: PAST AND PRESENT. Introduction to origins and development of Washington metropolitan area. Historical overview and evaluation of the contemporary scene. Our Nation's Capital and surrounding suburbs.

GEOG 618D — SEMINAR IN GEOMORPHOLOGY: GEOGRAPHICAL HYDROLOGY. Study and discussion of empirical and theoretical research methods applied to geomorphological problems including review of pertinent literature.

GEOG 668 — SEMINAR IN ECONOMIC GEOGRAPHY. How does urban size affect the location of economic activities? How is benefit-cost analysis used in environmental policy? These and other topics will be discussed followed by several small projects involving analysis of data. One independently-researched paper is required.

GEOG 695 — SPATIAL MODELS. Try your hand at solving some urban problems using computer programs for spatial models, districting, route minimization, public facility location.

GERMANIC LANGUAGES AND LITERATURES

GERM 165 — ELEMENTARY SWEDISH I (Oster).

GERM 282 — GERMANIC MYTHOLOGY (Fleck). An introduction to the world of gods, giants, dwarfs, trolls, dragons, and heroes believed in by the Germanic tribes before their conversion to Christianity. Source readings from the *Eddas*, skaldic poetry and the sagas. Comparison with the related mythologies of Greece and Rome, the Celts, Iran and India. No prerequisites; readings and instruction in English. USP — Area A.

GERM 369 — HENRIK IBSEN (Oster). Translations of Ibsen's most significant plays from *Brand* and *Peer Gynt* through his naturalistic and symbolistic periods are read. Discussion of Ibsen's use of "shocking issues" to force his audiences to think seriously about the problems of marriage, the family and society. Ibsen's influence on Strindberg, Shaw, O'Neill, etc. No prerequisites; readings and instruction in English.

GERM 381 — GERMAN CIVILIZATION I (Fleck). A survey of the general culture of the German-speaking world from the emergence of German-speaking people on the European scene through the Middle Ages and up to the middle of the 19th century. Art, architecture and music presented with slides and recordings. No prerequisites; readings and instruction in English. USP — Area A.

GERM 384 — THE AGE OF CHIVALRY (Fleck). The lifestyle of north central Europe focusing on the 12/13th centuries. The courtly literature of the German language area is contrasted with its Celtic and Romance models and with the bawdy counter-culture of popular and folk narrative. As a project each student reproduces a medieval artifact or learns a medieval skill. No prerequisites; readings and instruction in English. USP — Area A.

GERM 415 — GERMAN/ENGLISH TRANSLATION I (Beicken). For the upper-level student who needs to work with texts in German but does not need conversational skills. In this first semester, German grammar is presented from the standpoint of a "decoding problem"; grammars and dictionaries are used on quizzes and exams. In GERM 416 (Spring 1987) students work with texts from their own fields of interest. No previous knowledge of German required.

GERM 419A — PRACTICUM IN TRANSLATION FOR INTERNATIONAL DIPLOMACY (Pulgram). A foreign policy simulation exercise. Advanced language students serve as official translators for the various countries represented in the simulation (French, German, Hebrew, Japanese, Russian, Spanish). Emphasis on building practical translation skills; theory of translation addressed as needed. Students with no microcomputer skills should also register for GERM 499C for necessary computer instruction. Prerequisite: 3 years college instruction in the language of specialization.

GERM 419B — BUSINESS GERMAN (Rojer). Advanced German language skills for the business student. Practice in understanding and writing commercial German. Prerequisite: GERM 302, equivalent, or permission of the instructor.

GERM 419J — GERMAN FOR JOURNALISTS (Rojer). Advanced German language skills for the journalism student. Practice in understanding and writing journalistic German. Prerequisite: GERM 302, equivalent, or permission of the instructor.

GERM 499C — USING THE MICROCOMPUTER AS A TRANSLATION WORKSTATION (Pulgram). Individualized instruction in basic microcomputer skills. Specialized wordprocessing skills and file-handling techniques for foreign language translation.

DEPARTMENT OF GOVERNMENT AND POLITICS

GVPT 273 — INTRODUCTION TO ENVIRONMENTAL POLICY. This introductory course in environmental policy examines the changing physical context in which environmental policy decisions are made. Discussions concentrate on critical environmental problems, existing environmental legislation and its impact and the energy-environment trade-off. Alternative policies and institutions for dealing with critical environmental problems are also examined. Lastly, applicable legislation in the United States and other industrialized countries is analyzed.

GVPT 399A — SEMINAR IN GOVERNMENT AND POLITICS: "TRAPPED GOVERNMENTS" — THE CONSTRAINTS OF DEMOCRACY AND THE OUTSIDE WORLD. The governments that act for modern states are held accountable through democratic processes, even though they are constrained in their performance by democratic norms from within and increasing interdependence in economic, security and other international relations. The U.S. is examined in comparative perspective.

GVPT 399B — SEMINAR IN GOVERNMENT AND POLITICS: CONTEMPORARY ISSUES IN WORLD POLITICS. An overview of the agenda of current issues in world politics. Includes analysis of East-West issues such as arms control, star wars, nuclear proliferation, etc.; and North-South issues such as the world debt problem, prospects for future economic development, evolution of democracy in less developed countries and problems of technology transfer. Strongly recommended for those who intend to enroll in GVPT 450.

GVPT 399C — SEMINAR IN GOVERNMENT AND POLITICS: CHINESE FOREIGN POLICY. This course is designed to analyze the evolution of Chinese foreign policy since 1949. It will examine the theoretical basis and the formulation of Chinese foreign policy and foreign relations with the superpowers and other countries. Attention will also be given to Chinese domestic politics that have influenced Chinese policy.

GVPT 399D — SEMINAR IN GOVERNMENT AND POLITICS: ISRAEL FOREIGN POLICY. Aspects of Israel's political system with the emphasis on its foreign and decision making process. The course will deal with Israel within the general framework of world politics and superpowers confrontation as it applies to the Middle East Region.

GVPT 401 — PROBLEMS OF WORLD POLITICS. Course focus is on factors affecting dynamics of political relations within the Soviet Bloc. Among factors discussed are: impact of Soviet American rivalry on inter-Soviet bloc relations; evolution of instruments and the use of "supranational institutions" by the U.S.S.R. to maintain its hegemonic position.

GVPT 412 — PUBLIC FINANCIAL ADMINISTRATION. A survey of Governmental financial procedures. Some actual contact with Governmental budget agencies is part of the course. It attempts to be both theoretical and practical, giving students "hands-on" knowledge of budgeting and developing them so that they could serve as junior budget officers. GVPT 210 is recommended but not required.

GVPT 429 — PROBLEMS IN POLITICAL BEHAVIOR: RACIAL MINORITIES AND PUBLIC POLICY. Government policies concerning Blacks, Hispanics, American Indians, and Asians are explored. Particular topics include bilingual education, affirmative action, treaty settlements, compensation, and public welfare. (4 or 5 texts, final essay exam, required paper)

GVPT 436 — THE LEGAL STATUS OF WOMEN. The common law's denigration of women was symbolized by the suspension of a woman's legal existence when she married. Statutory and constitutional law reflected this common law attitude. Not until the 1970's did the law become a woman's ally, rather than enemy. This course explores the evolution of the law from woman's oppressor to her liberator.

GVPT 451 — FOREIGN POLICY OF THE U.S.S.R. This course is designed to introduce students to the analysis of Soviet foreign policy, especially since 1945. Its aims are to develop knowledge about Soviet activities in the foreign policy sphere, but also, and more importantly, to analyze the factors underlying the formulation and implementation of Soviet policy. Students will be required to read and evaluate a wide range of contending Soviet and Western sources.

GVPT 462 — URBAN POLITICS. Politics and policies in cities and other urban areas will be the focus of this course. Factors that influence local politics, interest groups and political machines, the reform movement and its aftermath, policy formation, community power, and several policy areas will be considered.

GVPT 471 — WOMEN AND POLITICS. The course first examines the impact on women of federal and state policies in a number of policy areas. Then the roles of women as participants in American politics are examined.

GVPT 479A — POLITICS OF THE VIETNAM WAR. A multi-disciplinary and multi-media approach to the Vietnam war is presented in an effort to understand the role of the United States, and the enduring effects that the war had on U.S. political and military policies. Current sociological, political, and generational issues relating to the war are also discussed.

DEPARTMENT OF HEBREW AND EAST ASIAN LANGUAGES AND LITERATURE

HEBR 322 — ISRAELI LITERATURE IN TRANSLATION. A study of the major works of Hebrew fiction and poetry which explores aspects of the society and culture of modern Israel and its European background, war and peace, the individual and the community, generational conflict. This course is in the process of being approved for Distributive Studies C requirements.

HEBR 471 — READINGS IN RABBINIC LITERATURE. The non-Jew in Rabbinic literature. An examination of Rabbinic attitudes toward non-Jews, e.g. resident aliens and Noahides with special emphasis upon the legal and philosophical expression of these attitudes.

HEBR 498B — ISSUES IN JEWISH ETHICS AND LAW. An investigation into the nature and dynamics of Jewish law with special reference to topics of moral significance. Topics to be discussed include feminism, sex ethics, war, medical ethics, and relations with non-Jews. This course meets USP Advanced Studies Development of Knowledge requirements.

DEPARTMENT OF HORTICULTURE

HORT 100 — INTRODUCTION TO HORTICULTURE. Every student in the University is a consumer of such horticultural crops as fruits, vegetables and ornamental plants. At the conclusion of the course, the student will be able to relate contemporary American horticulture to its development, its challenges and its place in world horticulture systems. The student will understand the physiological principles and technological processes involved in the selection, production and maintenance of horticultural crops. Factors affecting the quality and post-harvest life of important crops in western culture will be emphasized. No prerequisite. Satisfies USP-B requirement.

COLLEGE OF LIBRARY AND INFORMATION SERVICES

LBSC 488M — MARKETING MANAGEMENT TECHNIQUES FOR INFORMATION PROFESSIONALS (Olson). A dynamic combination of marketing theory and library marketing case studies; marketing principles applied to library and information management situations.

LINGUISTICS PROGRAM

The new Linguistics Program offers courses on many aspects of language study and an interdisciplinary BA. Language is basic to many human activities and linguistics is a field with a rigorous methodology which relates to many other disciplines. Two introductory courses are offered, which may be used to fulfill USP Distributive Studies requirements.

LING 200 — INTRODUCTORY LINGUISTICS. Basic concepts of modern linguistic analysis (sound systems, word formation, syntax, meaning). Social aspects, history of language change, dialects, writing systems, language universals. Basis for future work in linguistics.

LING 240 — LANGUAGE AND MIND. Language as a cognitive phenomenon. Ways of representing people's knowledge of their native language, how that knowledge is acquired naturally by children, how it is used in speaking and listening. Animal communication. Relationship to other cognitive abilities.

DEPARTMENT OF PSYCHOLOGY

PSYC 309F — PSYCHOLOGICAL ISSUES IN THE AGE OF COMPUTERS (Dr. Norman). Psychological processes and issues in automation will be explored in this course as they change and emerge in the brave new world of computers. The course will cover a wide range of topics and investigate areas of psychology that need to be rewritten in the age of computers. For example, what are the new issues in human/computer interaction at the sensory and perceptual level? How will human learning and memory change? How does the automated environment change social interaction? How is the human mind coping with new sources of stress? Prerequisite: PSYC 100 or consent of the instructor.

DEPARTMENT OF PHILOSOPHY

PHIL 209A — AN INTRODUCTION TO COGNITIVE STUDIES. A shared course with LING 240 (Lightfoot). Study of cognitive abilities such as reasoning, perception, and particularly, language. Ways of representing these capacities, how they are attained naturally by children, how they are used for various purposes.

PHIL 308H — THE PHILOSOPHY OF HUMOR (Levinson). (By permission of instructor only). A shared course with HONR 338B. A philosophical examination of the concept of humor, and of its many manifestations. Some of the issues we will address are these: the objectivity of humor, moral dimensions of humor and seriousness, humor and aesthetic value, humor and sexuality, humor and creativity. Readings from Schopenhauer, Bergson, Freud, Allen and contemporary philosophers. Attention to jokes, comic strips, film, novels, essays.

PHIL 308F — PHILOSOPHICAL ISSUES IN FEMINISM (Greenspan). An initial, critical reading of some recent writings on feminism and related issues.

PHIL 408I — ISSUES IN JEWISH ETHICS AND LAW (Manekin). A shared course with HEBR 498B. An investigation into the nature and dynamics of Jewish law with special reference to topics of moral significance. Topics to be discussed include feminism, sex ethics, war, medical ethics, and relations with non-Jews. This course carries USP advanced studies credit in Development of Knowledge.

PHIL 425 — NINETEENTH CENTURY PHILOSOPHY (Manukian). Some methodological concerns of nineteenth century philosophers will be studied, including Hegel's conceptual system, Marxian deconstructions, and the debate between W. Whewell and J. S. Mill on induction.

DEPARTMENT OF RECREATION

RECR 130 — RECREATION AND LEISURE (3). (USP approved course). How did you spend your summer vacation? If it wasn't spent pursuing recreation or leisure, find out why not! If it was, find out why. Course looks at social and psychological aspects of leisure behavior.

RECR 220 — METHODS AND MATERIALS IN RECREATION (3). Learn how to develop and implement recreation programs for a variety of age and interest levels. Use the activities with family, church groups, hall mates or housemates.

RECR 270 — LEISURE SERVICES AND SPECIAL POPULATIONS (3). Planning to work with the mentally retarded, physically disabled or hearing impaired? Cognitive and affective problems in assessing and providing leisure services for these and other "special" populations are covered in this course.

RECR 350 — RECREATIONAL USE OF NATURAL AREAS (3). More than the traditional preservation v. use controversy! Course examines legislative and academic support for each position, with an eye toward generating realistic planning for state, local, and national parklands.

RECR 375 — PRINCIPLES OF THERAPEUTIC RECREATION (3). Survey of knowledge and skills critical to the practice of therapeutic recreation in clinical and community settings. Medical terminology, treatment plans, and professional team approaches to service delivery are covered.

RECR 415 — QUANTITATIVE METHODS (3). Basic statistical techniques of data analysis are covered (chi-square, ANOVA, regression). Applications to typical problems in the leisure industry are emphasized along with critical understanding of published research.

RECR 440 — LEISURE SERVICES FOR THE AGING (3). Fastest growing segment of the population in the U.S. Develop an awareness of the influence of developmental, societal, health, and financial factors which impact leisure behavior among the well and frail elderly. Attitudinal and service delivery implications are covered.

RECR 495 — RECREATION RESOURCE AND FACILITY PLANNING (3). Understanding the resource base is the first step in planning and maintaining recreational facilities. Apply your background in *landscaping, forestry* or *architecture* to the development of public and commercial facilities.

RECR 498X — LEGAL LIABILITY IN RECREATION (3). Interested in private sector leisure service delivery? Wondering how municipalities avoid legal entanglements while providing extensive opportunities for leisure involvement? This is a hot topic in both public and private sectors. Course is taught by an attorney familiar with the leisure services industry and precedent setting cases. Future lawyers — get your feet wet!

RECR 634 — MODERN TREND IN RECREATION (3). Graduate study of the conceptual and philosophical bases for the evolution of recreation and leisure services. Applications to the development of personal and organizational philosophies.

RECR 660 — GROUP PROCESSES (3). Renewed focus in organizations on the impact of small group behavior as it contributes to job satisfaction and performance. Don't miss the boat! Human relations skills can be critical to success in decentralized work environments and in careers which use small groups as a vehicle for individual change. *Minimum 10 students,* so bring a friend or colleague.

SLAVIC LANGUAGES AND LITERATURES

SLAV 281 — RUSSIAN CULTURE (Berry). Russian history, literature, music, art and cuisine are examined to better understand why Russians are called "mad" and why their outlook on life is different from ours. No prerequisites; readings (Tolstoy, Dostoevsky, Chekhov, etc.) in English. USP — Area A.

SLAV 328 — FROM DOSTOEVSKY TO CHEKHOV (Berry). The Golden Age of Russian literature I — a basic introduction for the general university student. Class discussions will be supplemented by slides and films. No prerequisites; readings and instruction in English. USP — Area C.

SLAV 419B — PRACTICUM IN TRANSLATION FOR INTERNATIONAL DIPLOMACY (Merrill). A foreign policy simulation exercise. Advanced language students serve as official translators for the various countries represented in the simulation (French, German, Hebrew, Japanese, Russian, Spanish). Emphasis on building practical translation skills; theory of translation addressed as needed. Students with no microcomputer skills should also register for GERM 499C for necessary computer instruction. Prerequisite: 3 years college instruction in the language of specialization.

SLAV 469 (389) — MEDIEVAL RUSSIA (Hitchcock). The vast and barbaric panorama of medieval Russia from the 11th through the 17th centuries — the pageant of heathen Slavs and invading Vikings and Mongols, of tsars and saints, unfolds through the written literature and documents of the period, folk literature, art and architecture. No prerequisites; readings and instruction in English. USP — Area A.

SLAV 499C — USING THE MICROCOMPUTER AS A TRANSLATION WORKSTATION (Pulgram). Individualized instruction in basic microcomputer skills. Specialized wordprocessing skills and file-handling techniques for foreign language translation.

DEPARTMENT OF SOCIOLOGY

SOCY 341 — INEQUALITY IN AMERICAN SOCIETY. "Is the good society an equal society? What is inequality? How do Americans define and deal with social inequality?" These and similar questions are the basis of this course which deals with the definitions, politics, and ideologies of inequality. The course examines the status and treatment of the aged, the poor, minorities, women, and the physically handicapped and deviant subcommunities as well as attempts by governments and utopian communities to eliminate inequality.

SOCY 398J — JAPANESE SOCIETY. This is an introductory overview of Japanese society. The primary goal of the course is to provide students with a basic understanding of Japanese society; what is unique and what is not. Its secondary aim is to teach students how to approach another culture and interpret it without the limitations of one's own cultural biases. Topics include: the basic principles of social organization in Japan; exchange and interaction; rural life; contemporary family; women's roles; industrial Japan; and community integration.

SOCY 425 — SEX ROLES AND SOCIAL INSTITUTIONS. The relationship between sex roles and the social structure takes place within social institutions (e.g., the economy, the family, the political system, religion, education). This class studies the incorporation of sex roles into social institutions; the perpetuation or transformation of sex roles by social institutions; and how changing sex roles impact on social institutions.

SOCY 426 — SOCIOLOGY OF RELIGION. This course is an upper-level sociology course in which we will examine religion as a social institution and discuss various sociological perspectives and theories about institutions, with emphasis on contemporary American religious patterns and behavior. Social psychological approaches to religion as a feature of identity, conversions, and some cross-cultural and historical comparisons will also be discussed.

SOCY 457 — SOCIOLOGY OF LAW. This course is about the legal processes which are used to legitimize individual or collective behaviors or to socialize, ritualize and routinize individual as well as collective conflicts. The course is about the legal culture and its major actors, the lawyers, the judges and the ideological constructs they need in order to solve the problems presented to them.

SOCY 466 — SOCIOLOGY OF WAR. An introduction to the sociology of political phenomena. Consideration of the basic concepts and major findings in the field: the relationship of the polity to other institutional orders of the society; the relationship of political activity in America to the theory of democracy.

DEPARTMENT OF SPECIAL EDUCATION

EDSP 210 — INTRODUCTION TO SPECIAL EDUCATION. Characteristics and needs of individuals who are handicapped are examined. Current issues in special education are discussed. Open to all students considering special education as a possible major.

EDSP 678L — SEMINAR IN SPECIAL EDUCATION AND THE CRIMINAL JUSTICE SYSTEM. Designed to examine a range of issues related to adjudicated and incarcerated individuals who are handicapped/disabled. Topics include the social/political context of the criminal justice system, identification/assessment, and programming for these youths.

INSTITUTE FOR URBAN STUDIES

URBS 100 — INTRODUCTION TO URBAN STUDIES. Satisfies USP-D requirement. Survey of issues in and problems facing central cities and suburbs. Emphasis on evaluating public policy and city planning solutions to metropolitan problems.

URBS 220 — ENVIRONMENTAL & TECHNOLOGICAL DIMENSIONS OF THE URBAN COMMUNITY. Satisfies USP-D requirement.

URBS 488M — MANAGEMENT AND ADMINISTRATION OF METROPOLITAN AREAS.

URBS 640 — URBAN DEMOGRAPHY.

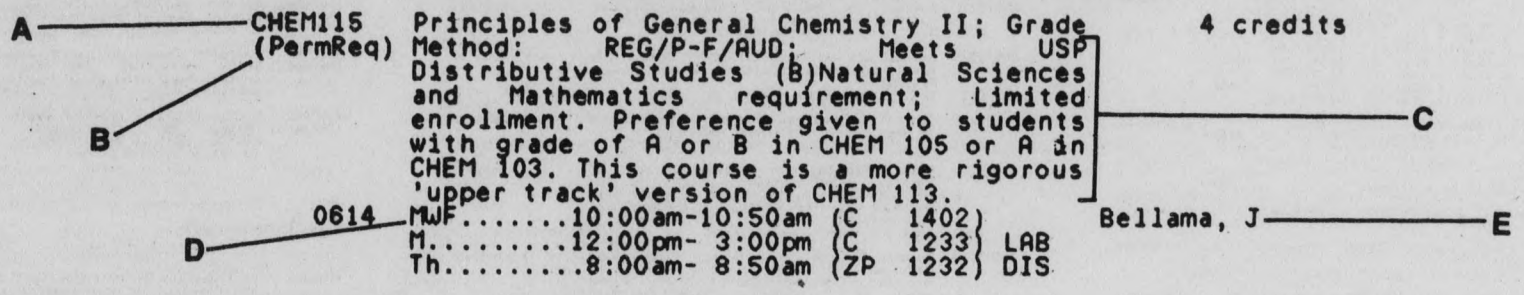
URBS 680 — ENVIRONMENTAL & LAND USE PLANNING.

URBS 683 — SOCIAL PLANNING. For students interested in planning, policy analysis, or public administration. Covers both technical analysis and political context of planning. Offers methods for problem-solving in a variety of organizational settings. Student projects involve actual problems and organizations.

DINING SERVICES PRESENTS

BON APPÉTIT
GUTEN APPETIET
BUEN APETITO
HEARTY APPETITE

HOW TO READ COURSE LISTINGS



A. Course number, title and credits.

B. Permission required — Indicates course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization. Students should be sure they have a department authorization stamp, on their Schedule Request Form, prior to their registration appointment.

C. Course information — outlines information such as grading methods, prerequisites, if course meets USP requirement, special requirements, and notes.

D. The first line of information next to the section number usually refers to the meeting time and room location (room location is indicated in parentheses) for the lecture segment of the course. Laboratory (LAB) and discussion (DIS) meeting times and locations are shown on the second and third lines when applicable.

E. Instructor

AASP Afro-American Studies (Behavior + Social Sci)

AASP100 Introduction to Afro-American Studies; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits

0101	MW..... 12:00pm-12:50pm (SSB 2205)		STAFF
	F..... 10:00am-10:50am (SSB 1208)	DIS	
0102	MW..... 12:00pm-12:50pm (SSB 2205)		STAFF
	F..... 10:00am-10:50am (GG 0100)	DIS	
0103	MW..... 12:00pm-12:50pm (SSB 2205)		STAFF
	F..... 11:00am-11:50am (GG 0100)	DIS	
0104	MW..... 12:00pm-12:50pm (SSB 2205)		STAFF
	F..... 11:00am-11:50am (GG 0102)	DIS	
0105	MW..... 12:00pm-12:50pm (SSB 2205)		STAFF
	F..... 12:00pm-12:50pm (NN 0147)	DIS	
0106	MW..... 12:00pm-12:50pm (SSB 2205)		STAFF
	F..... 12:00pm-12:50pm (C 0119)	DIS	

AASP200 African Civilization; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits

0101	TuTh.....9:30am-10:45am (RR 0121)	Perinbam, B

AASP202 Black Culture in the United States; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits

0101	MW.....10:00am-10:50am (N 2101)		Frazier, M
	F.....10:00am-10:50am (F 1101)	DIS	
0102	MW.....10:00am-10:50am (N 2101)		Frazier, M
	F.....9:00am- 9:50am (GG 0102)	DIS	
0103	MW.....10:00am-10:50am (N 2101)		Frazier, M
	F.....10:00am-10:50am (Z 1221)	DIS	
0104	MW.....10:00am-10:50am (N 2101)		Frazier, M
	F.....10:00am-10:50am (Y B0429)	DIS	
0105	MW.....10:00am-10:50am (N 2101)		Frazier, M
	F.....11:00am-11:50am (C 0122)	DIS	
0106	MW.....10:00am-10:50am (N 2101)		Frazier, M
	F.....11:00am-11:50am (Y 0307)	DIS	

AASP298S Special Topics in Afro-American Studies: Jim Crow and the Age of Lynching; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (AA 1124)	Smead, E

AASP298V Special Topics in Afro-American Studies: The Blues as a Cultural Art Form; Grade Method: REG/P-F/AUD; — 3 credits

0101	W.....1:00pm- 3:30pm (HDH 3123)	Williams, J

AASP300 The Black Community and Public Policy; Grade Method: REG/P-F/AUD; — 3 credits

0101	M.....1:00pm- 3:30pm (HDH 3123)	Billingsley, A

AASP386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; — 1-3 credits

0101	Time and room to be arranged	Frazier, M

AASP387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; — 1-3 credits

0101	Time and room to be arranged	Frazier, M

AASP397 Senior Reading and Research Seminar in Afro-American Studies; Grade Method: REG/P-F/AUD; — 3 credits

0101	Time and room to be arranged	Landry, L

AASP400 Directed Readings in Afro-American Studies; Grade Method: REG/P-F/AUD; — 3 credits

0101	M.....2:00pm- 4:30pm (SSB 1222)	STAFF

AASP428J Special Topics in Black Development: The Fundamentals of Public Policy Analysis; Grade Method: REG/P-F/AUD; — 3 credits

0101	M.....1:00pm- 3:30pm (SSB 2189)	STAFF

AASP428L Special Topics in Black Development: Health Care and the Family; Grade Method: REG/P-F/AUD; — 3 credits

0101	W.....2:00pm- 4:30pm (SSB 1222)	Williams, M

AASP428W Special Topics in Black Development: The Black Women in America; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (SSB 1220)	STAFF

AASP428X Special Topics in Black Development: Family Policies and Issues; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....1:00pm- 1:50pm (SSB 1222)	Landry, L

AASP429C Special Topics in Black Culture: Urban Ghetto Culture; Grade Method: REG/P-F/AUD; — 3 credits

0101	Tu.....2:00pm- 4:30pm (A 0101)	Williams, M

AASP429M Special Topics in Black Culture: The History of Blacks in Motion Pictures; Grade Method: REG/P-F/AUD; — 3 credits

0101	Th.....2:00pm- 4:30pm (A 0101)	Gittens, A

AEED Agricultural and Extension Education (Agriculture)

AEED303 Teaching Materials and Demonstrations; Grade Method: REG/P-F/AUD; Majors only. — 2 credits

0101	TuTh 9:00am-11:00am (0 0115)	STAFF

AEED305 Teaching Young and Adult Farmer Groups; Grade Method: REG/P-F/AUD; — 1 credit

0101	TuTh.....8:00am- 8:50am (0 0115	STAFF

AEED311 Teaching Secondary Vocational Agriculture; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....9:00am-12:00pm (0 0115)	Cooper, E

AEED313 Student Teaching; Grade Method: REG/AUD; Time and room to be arranged — 5 credits — Cooper, E

AEED315 Student Teaching; Grade Method: REG/AUD; Time and room to be arranged — 1-4 credits — Cooper, E

AEED323 Developing Youth Programs; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits

0101	TuTh.....11:00am-12:15pm (0 0200)	Miller, M

AEED325 (PermReq) Directed Experience in Extension Education; Grade Method: REG/P-F/AUD; Time and room to be arranged — 1-5 credits — STAFF

AEED389A (PermReq) Selected Topics: Agricultural Leadership Development; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED389B (PermReq) Selected Topics: Advanced Leadership Procedures; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED489 (PermReq) Field Experience; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

AEED489A (PermReq) Field Experience: Early Career Teachers Course; Grade Method: REG/P-F/AUD; Time and room to be arranged — 3 credits — Cooper, E

AEED499 (PermReq) Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED499C Special Problems: Record Systems for SOEP's in Maryland; Grade Method: REG/P-F/AUD; Contact instructor for meeting dates — 1-3 credits — Time and room to be arranged — Cooper, E

AEED499D Special Problems: Advanced Record Systems: SOEP; Grade Method: REG/P-F/AUD; Contact instructor for meeting dates. — 1-3 credits

0101	W.....7:00pm- 9:40pm (0 0115)	Cooper, E

AEED626 Program Development in Adult and Continuing Education; Grade Method: REG/AUD; — 3 credits

0101	M.....7:00pm- 9:40pm (0 0115)	Rivera, W

AEED632 International Extension/Adult Education; Grade Method: REG/AUD; — 3 credits

0101	Th.....7:00pm- 9:40pm (0 0115)	Rivera, W

AEED663 Developing Rural Leadership; Grade Method: REG/AUD; — 3 credits

0101	Tu.....2:00pm- 4:40pm (0 0115)	Longest, J

AEED691 Research Methods in Adult and Continuing Education; Grade Method: REG/AUD; — 3 credits

0101	Tu.....5:00pm- 7:40pm (0 0115)	Seibel, R

AEED699 (PermReq) Special Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED789M Special Topics: Agricultural Extension Management; Grade Method: REG; — 3 credits

0101	W.....4:00pm- 6:40pm (0 0115)	Rivera, W

AEED798A Seminar in Rural Education: Joint Vocational Education Seminar; Grade Method: REG/AUD; — 3 credits

0101	W.....4:15pm- 7:00pm (P 1202)	Stough, K

AEED798F Seminar in Rural Education; Grade Method: REG/AUD; — 1 credit

0101	Tu.....7:45pm- 9:00pm (0 0115)	Seibel, R

AEED799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

AEED888 Apprenticeship in Education; Grade Method: REG/AUD; — 1-8 credits

0101	Time and room to be arranged	STAFF

AEED889 Internship in Education; Grade Method: REG/AUD; — 3-8 credits

0101	Time and room to be arranged	STAFF

AEED899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

AGRI Agriculture (Agriculture)

AGRI389 (PermReq) Internship in Natural Resources Management: Work Experience in Natural Resources Management; Grade Method: S-F; NRM majors only. — 3 credits

0101	Time and room to be arranged	Gibson Jr., G

AGRI411 (PermReq) Biology and Management of Shellfish; Grade Method: REG/P-F/AUD; One year of biology required. — 4 credits

0101	TuTh.....9:30am-10:20am (0 2303)	Sieling, F
	TuTh.....10:30am-12:30pm (0 2303)	LAB

AGRI489 Special Topics in Agriculture: Wildlife Habitats of North America; Grade Method: REG; One year of biology required. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (F 1106)	Flyger, V

AGRO Agronomy (Agriculture)

AGRO100 Crops Laboratory; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies Lab-Science requirement when taken with AGRO 102. — 2 credits

0101	TuTh.....12:00pm- 2:00pm (E 1104)	LAB	STAFF
0103	TuTh.....2:00pm- 4:00pm (E 1104)	LAB	STAFF
0104	WF.....12:00pm- 2:00pm (E 0103)	LAB	STAFF

AGRO105 Soil and the Environment; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and — 3 credits

Mathematics requirement; Included in General Education Physical Science courses.
0101 TuTh.....5:15pm- 6:30pm (E 0226) Weil, R

AGR0302 General Soils; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
0101 TuTh.....3:30pm- 4:45pm (E 0226) Weil, R
Tu.....10:00am- 1:00pm (E 0210) LAB
0102 TuTh.....3:30pm- 4:45pm (E 0226) Weil, R
Tu.....5:00pm- 8:00pm (E 0210) LAB
0103 TuTh.....3:30pm- 4:45pm (E 0226) Weil, R
W.....9:00am-12:00pm (E 0210) LAB

AGR0386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged STAFF

AGR0387 Field Work Analysis; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged STAFF

AGR0398 Senior Seminar; Grade Method: REG/P-F/AUD; 1 credit
0101 M.....4:00pm- 4:50pm (E 1104) STAFF

AGR0404 Tobacco Production; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (E 1104) Mulchi, C

AGR0405 Turf Management; Grade Method: REG/P-F/AUD; Previous or concurrent registration in BOTN 100 is necessary. 3 credits
0101 MW.....2:00pm- 2:50pm (E 1104) Welterlen, M
W.....3:00pm- 6:00pm (E 1104) LAB

AGR0406 Forage Crop Production; Grade Method: REG/P-F/AUD; Previous or concurrent registration in AGRO 100 required. 3 credits
0101 MWF.....8:00am- 8:50am (E 1104) Decker, A

AGR0414 Soil Classification and Geography; Grade Method: REG/P-F/AUD; 4 credits
0101 MWF.....11:00am-11:50am (E 1104) Fanning, D
W.....2:00pm- 5:00pm (E 0103) LAB

AGR0421 Soil Chemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 5:00pm (E 0210) LAB STAFF
0201 TuTh.....2:00pm- 5:00pm (E 0210) LAB STAFF

AGR0423 Soil-Water Pollution; Grade Method: REG/P-F/AUD; Previous or concurrent registration in AGRO 302 required. 3 credits
0101 MWF.....1:00pm- 1:50pm (E 1104) Angle, J

AGR0451 Cropping Systems; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....9:00am- 9:50am (E 1104) Caldwell, R

AGR0453 Weed Control; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 8:50am (E 1104) Glenn, D
Tu.....1:00pm- 4:00pm (E 0103) LAB

AGR0499 (PermReq) Special Problems in Agronomy; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AGR0499A Special Problems in Agronomy: Soil Judging; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Sa.....8:00am-12:00pm (E 1104) Rabenhorst, M

AGR0789A Advances in Agronomy Research: Computer Packages for Biological Data Analysis; Grade Method: REG/AUD; Concurrent registration in BIOM 405 section 0101. 2 credits
1101 Th.....10:00am-12:00pm (E 1104) McIntosh, M

AGR0789B (PermReq) Advances in Agronomy Research: Methods in Pedological Investigations; Grade Method: REG/AUD; 4 credits
0101 TuTh.....9:00am- 9:50am (E 0103) Rabenhorst, M
TuTh.....1:00pm- 3:50pm (E 0112) LAB

AGR0798 Agronomy Seminar; Grade Method: REG/AUD; Instructors are Angle and Kenworthy; 1 credit
0101 M.....12:00pm-12:50pm (E 1104) Angle, J

AGR0799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. A total of six hours required for thesis option for MS degree. 1-6 credits

AGR0807 Advanced Forage Crops; Grade Method: REG/AUD; 2 credits
0101 MW.....9:00am- 9:50am (E 1104) McIntosh, M

AGR0899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. A total of twelve hours required for Ph.D degree. 1-8 credits

---

AMST American Studies (Arts and Humanities)

AMST201 Introduction to American Studies I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....9:00am- 9:50am (A 2108) Francis, P
0201 MWF.....10:00am-10:50am (A 2108) Lachin, T
0301 MWF.....11:00am-11:50am (A 2108) Francis, P
0401 MWF.....12:00pm-12:50pm (A 2108) Lachin, T
0501 MWF.....1:00pm- 1:50pm (A 2108) Kochanski, M
0601 TuTh.....9:30am-10:45am (A 2108) Borish, L
0701 TuTh.....11:00am-12:15pm (A 2108) Borish, L
0801 TuTh.....11:00am-12:15pm (A 2103) Metcalf, G
0901 TuTh.....12:30pm- 1:45pm (A 2103) Hilbish, D
1001 TuTh.....12:30pm- 1:45pm (A 2108) Battenfeld, M
1101 TuTh.....9:30am-10:45am (A 2101) Hilbish, D
1201 TuTh.....9:30am-10:45am (F 1108) Battenfeld, M
1301 MWF.....11:00am-11:50am (A 2103) Kochanski, M

AMST203 Popular Culture in America; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....10:00am-10:50am (A 2126) Mintz, L

AMST204 Film and American Culture Studies; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (A 2126) Lounsbury, M

AMST207 Contemporary American Cultures; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (A 2126) Caughey, J

AMST330 Critics of American Culture; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....11:00am-11:50am (A 2110) Mintz, L

AMST386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AMST387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AMST398 (PermReq) Independent Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AMST418D Cultural Themes in America: Growing Up American; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....10:00am-10:50am (A 2110) Kelly, R

AMST418J Cultural Themes in America: Women and Family in American Life; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (A 2110) Diner, H

AMST418K Cultural Themes in America: Race in America: Theory and Policy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....9:30am-10:45am (A 2110) Diner, H

AMST450 (PermReq) Seminar in American Studies; Grade Method: REG/P-F/AUD; American studies majors only. 3 credits
0101 TuTh.....11:00am-12:15pm (A 2100) Caughey, J

AMST618A Introductory Seminar in American Studies; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:40pm (A 2108) Kelly, R

AMST628B Seminar in American Studies: Popular Culture in America; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:40pm (A 2110) Mintz, L

AMST628E Seminar in American Studies: Women and Family in American Culture; Grade Method: REG/AUD; 3 credits
0101 Tu..... 4:00pm- 6:40pm (A 2110) Diner, H

AMST629D Seminar in American Studies: Film Culture in America; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:40pm (A 2110) Lounsbury, M

AMST638 Orientation Seminar: Material Aspects of American Civilization; Grade Method: REG/AUD; Class meets at Smithsonian. Call American Studies Office (454-4661) for information. 3 credits
0101 Time and room to be arranged Washburn, W

AMST639A Reading Course in Selected Aspects of American Civilization: Decorative Arts in America; Grade Method: REG/AUD; Class meets at Smithsonian. Call American Studies Office (454 4661) for information. 3 credits
0101 Time and room to be arranged Carson, B

AMST698 (PermReq) Directed Readings in American Studies; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

AMST799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

AMST899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

ANSC Animal Science (Agriculture)

ANSC101 Principles of Animal Science; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MW.....1:00pm- 1:50pm (U 2110) Debarthe, J
Tu.....2:00pm- 4:00pm (UW 1144) LAB
0102 MW.....1:00pm- 1:50pm (U 2110) Debarthe, J
W.....10:00am-12:00pm (UW 1144) LAB
0103 MW.....1:00pm- 1:50pm (U 2110) Debarthe, J
Th.....12:00pm- 2:00pm (UW 1144) LAB
0104 MW.....1:00pm- 1:50pm (U 2110) Debarthe, J
Th.....2:00pm- 4:00pm (UW 1144) LAB
0105 MW.....1:00pm- 1:50pm (U 2110) Debarthe, J
Tu.....12:00pm- 2:00pm (UW 1144) LAB
0106 MW.....1:00pm- 1:50pm (U 2110) Debarthe, J
F.....12:00pm- 2:00pm (UW 1144) LAB

ANSC201 Basic Principles of Animal Genetics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (E 2242) Kuenzel, W

ANSC211 Anatomy of Domestic Animals; Grade Method: REG/P-F/AUD; 4 credits
0101 MWF.....2:00pm- 2:50pm (U 2110) Bradley-Bullock
W.....3:00pm- 5:00pm (XX 0101) LAB
0102 MWF.....2:00pm- 2:50pm (U 2110) Bradley-Bullock
F.....3:00pm- 5:00pm (XX 0101) LAB
0103 MWF.....2:00pm- 2:50pm (U 2110) Bradley-Bullock
M.....3:00pm- 5:00pm (XX 0101) LAB
0104 MWF.....2:00pm- 2:50pm (U 2110) Bradley-Bullock
F.....11:00am- 1:00pm (XX 0101) LAB

ANSC221 Fundamentals of Animal Production; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 8:50am (C 0119) Young, E
Tu.....9:00am-11:00am (UW 1109) LAB
0102 TuTh.....8:00am- 8:50am (C 0119) Young, E
Th.....9:00am-11:00am (UW 1109) LAB

ANSC230 Light Horse Management; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....1:30pm- 3:00pm (C 0115) Stott, N
Th.....3:00pm- 5:00pm (UW 1109) LAB
0102 TuTh.....1:30pm- 3:00pm (C 0115) Stott, N
Tu.....3:00pm- 5:00pm (UW 1109) LAB

ANSC252 Introduction to the Diseases of Wildlife; Grade Method: REG/P-F/AUD; 2 credits
0101 M.....4:00pm- 6:00pm (U 2110) Jack, S

ANSC305 Companion Animal Care; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (C 0128) Ingling, A

ANSC327 Principles of Breeding I; Grade Method: REG; 4 credits
0101 MWF.....2:00pm- 2:50pm (UW 1109) Hudson, S
Tu.....5:00pm- 7:00pm (UW 1109) DIS

ANSC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ANSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department o instructor to obtain section number. 1-3 credits

ANSC399 (PermReq) Special Problems in Animal Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ANSC401 Fundamentals of Nutrition; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (C 0119) Thomas, O

ANSC413 Laboratory Animal Management; Grade Method: REG/P-F/AUD; 3 credits
0101 WF.....1:00pm- 1:50pm (U 2116) Nepote, K
F.....2:00pm- 5:00pm (UW 1144) LAB

ANSC416 Wildlife Management; Grade Method: REG/P-F/AUD; One year of Botany or Zoology required. 3 credits
0101 TuTh.....8:00am- 9:15am (U 2110) Flyger, V

ANSC421 Swine Production; Grade Method: REG/P-F/AUD; Prerequisites: ANSC 101, 221, and ANSC 203 or 401. 3 credits
0101 MW.....2:00pm- 2:50pm (AR 0118) STAFF
M.....3:00pm- 5:00pm (AR 0105) LAB

ANSC446 Physiology of Mammalian Reproduction; Grade Method: REG/P-F/AUD; Prerequisites: ZOOL 422 or ANSC 212. 3 credits
0101 MWF.....12:00pm-12:50pm (AR 0105) Williams, W

ANSC447 Physiology of Mammalian Reproduction Laboratory; Grade Method: REG/P-F/AUD; Pre or corequisites: ANSC 446. 1 credit
0101 W.....3:00pm- 6:00pm (UW 1150) LAB Williams, W

ANSC603 Mineral Metabolism; Grade Method: REG/AUD; 3 credits
0101 MF.....10:00am-12:00pm (UW 1109) Soares Jr, J

ANSC610 Electron Microscopy; Grade Method: REG/AUD; 4 credits
0101 TuTh.....2:00pm- 2:50pm (U 2145) Mohanty, S
TuTh.....3:00pm- 5:00pm (U 2145) LAB

ANSC643 Research Methods; Grade Method: REG/AUD; 3 credits
0101 MWF.....8:00am- 8:50am (UW 1109) Vijay, I

ANSC660 Poultry Literature; Grade Method: REG/AUD; 1-4 credits
0101 Time and room to be arranged Thomas, O

ANSC661 Physiology of Reproduction; Grade Method: REG/AUD; 3 credits
0101 TuTh.....1:00pm- 1:50pm (UW 1109) Ottinger, M
Th.....2:00pm- 4:00pm (UW 1150) LAB

ANSC663 (PermReq) Advanced Nutrition Laboratory; Grade Method: REG/AUD; One hour lecture and six lab hours per week. 3 credits
0101 Time and room to be arranged Doerr, J

ANSC687 Veterinary Virology; Grade Method: REG/AUD; Instructors: Mohanty & Dutta. 3 credits
0101 WF.....3:00pm- 4:15pm (UW 1109) Dutta, S

ANSC698A Seminar: Recent Advances; Grade Method: REG/AUD; 1 credit
0101 M.....4:00pm- 4:50pm (UW 1109) Vandersall, J
0201 M.....4:00pm- 4:50pm (UW 3105) Thomas, O

ANSC699 (PermReq) Special Problems in Animal Science; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ANSC799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANSC899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

ANTH Anthropology (Behavior + Social Sci)

ANTH101 Introduction to Anthropology: Archaeology and Physical Anthropology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MWF.....11:00am-11:50am (T 0200) Kerley, E
0401 TuTh.....9:30am-10:45am (A 0124) Williams, A

ANTH102 Introduction to Anthropology: Cultural Anthropology and Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0201 TuTh.....9:30am-10:45am (R 1114) Stuart, W
0301 MWF.....10:00am-10:50am (A 0101) Williams, A

ANTH102H Introduction to Anthropology: Cultural Anthropology and Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Honors. 3 credits
0201 TuTh.....9:30am-10:45am (R 1114) Stuart, W

ANTH221 Man and Environment; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....3:30pm- 4:45pm (R 1114) Stuart, W

ANTH241 Introduction to Archaeology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (A 0124) Leone, M

ANTH298A Special Topics in Anthropology: Chesapeake - An Archaeology of Maryland; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....11:00am-11:50am (AR 0126) Dent Jr., R

ANTH361 Human Evolution and Fossil Man; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (R 1114) Kerley, E

ANTH371 Introduction to Linguistics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (AR 0112) Eidson, J

ANTH389A (PermReq) Research Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH389C Research Problems: Culture and Personality; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (LL 0220) Eidson, J
0301 TuTh.....3:30pm- 4:45pm (LL 0105) STAFF

ANTH397 Anthropological Theory; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (R 1101) Stuart, W

ANTH401 Cultural Anthropology: Principles and Processes; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (N 2102) STAFF

ANTH451 Archaeology of the New World; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....9:00am- 9:50am (E 2242) Dent Jr., R
0201 TuTh.....11:00am-12:15pm (ARC 1105) Little, B

ANTH601 (PermReq) Applied Anthropology; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:40pm (R 1131) Gonzalez, N

ANTH606 (PermReq) Methods of Cultural Analysis I; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:40pm (R 1130) Chambers, E

ANTH611 (PermReq) Management and Cultural Process; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:40pm (R 1130) Leone, M

ANTH689A (PermReq) Special Problems in Anthropology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH689C Special Problems in Anthropology: Culture and Personality; Grade Method: REG/AUD; 1-6 credits
0101 MWF.....1:00pm- 1:50pm (LL 0220) Eidson, J
0301 TuTh.....3:30pm- 4:45pm (LL 0105) STAFF

ANTH705 (PermReq) Internship; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 6-12 credits

ANTH712 (PermReq) Internship Analysis; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

---

APDS Applied Design (Arts and Humanities)

APDS101 Fundamentals of Design; Grade Method: REG/P-F/AUD; Restricted to pre-design, advertising and interior design majors. Others maybe be taken on a space available basis. 3 credits
0101 F.....2:00pm- 3:40pm (H 1400) Dean, S
M.....2:00pm- 3:40pm (H 2411) DIS
0102 F.....2:00pm- 3:40pm (H 1400) Dean, S
M.....2:00pm- 3:40pm (H 2411) DIS
0103 F.....2:00pm- 3:40pm (H 1400) Dean, S
M.....2:00pm- 3:40pm (H 2415) DIS
0104 F.....2:00pm- 3:40pm (H 1400) Dean, S
M.....2:00pm- 3:40pm (H 2415) DIS
0105 F.....2:00pm- 3:40pm (H 1400) Dean, S
W.....2:00pm- 3:40pm (H 2411) DIS
0106 F.....2:00pm- 3:40pm (H 1400) Dean, S
W.....2:00pm- 3:40pm (H 2411) DIS
0107 F.....2:00pm- 3:40pm (H 1400) Dean, S
W.....2:00pm- 3:40pm (H 2415) DIS
0108 F.....2:00pm- 3:40pm (H 1400) Dean, S
W.....2:00pm- 3:40pm (H 2415) DIS

APDS102 Design II; Grade Method: REG/P-F/AUD; Pre-design, advertising and interior design majors only. Prerequisite: APDS 101A. Co-requisite: APDS 103. 3 credits
0101 M.....9:00am- 9:50am (A 0124) Eckersley, M
W.....8:00am-11:00am (H 2411) LAB
0102 M.....9:00am- 9:50am (A 0124) Eckersley, M
W.....8:00am-11:00am (H 2415) LAB
0103 M.....9:00am- 9:50am (A 0124) Eckersley, M
F.....8:00am-11:00am (H 2411) LAB
0104 M.....9:00am- 9:50am (A 0124) Eckersley, M
F.....8:00am-11:00am (H 2415) LAB

APDS103 Design III: Three-dimensional Design; Grade Method: REG/P-F/AUD; Prerequisite: APDS 101A. Co-requisite or pre-requisite: 3 credits

APDS 102. Pre-design, advertising and interior design majors only.
0101 TuTh.....11:00am- 1:30pm (H 2411) LAB Thomas, C
0201 TuTh.....11:00am- 1:30pm (H 2415) LAB Thomas, C
0301 TuTh.....2:00pm- 4:30pm (H 2411) LAB Thomas, C
0401 TuTh.....2:00pm- 4:30pm (H 2415) LAB Thomas, C

APDS104 Survey of Design History; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (H 1400) McWhinnie, H

APDS210A Presentation Techniques; Grade Method: REG/P-F/AUD; Advertising design majors only. Prerequisite: APDS 101A, APDS 102. — 3 credits
0101 TuTh.....5:00pm- 7:30pm (H 2411) LAB Thomas, C
0201 Tu.....11:00am- 1:00pm (H 1413) LAB Roper, J
Th.....11:00am- 2:00pm (H 1413) LAB

APDS210B Presentation Techniques; Grade Method: REG/P-F/AUD; Interior design majors only. Prerequisite: APDS 101A, APDS 102. — 3 credits
0101 TuTh.....8:00am-10:30am (H 1108) LAB STAFF

APDS211 Action Drawing: Fashion Sketching; Grade Method: REG/P-F/AUD; Advertising design majors only. Prerequisite: APDS 101A. — 3 credits
0101 MWF.....11:00am- 1:00pm (H 2411) LAB Dean, S

APDS237 Photography; Grade Method: REG/P-F/AUD Advertising design majors only. Prerequisites: APDS 101A, APDS 102. Photolab is arranged. — 3 credits
0101 Th.....3:00pm- 4:00pm (H 0110) Jacobs, W
Tu.....2:00pm- 5:00pm (H 0110) LAB

APDS320 Fashion Illustration; Grade Method: REG/P-F/AUD; Prerequisites: APDS 101A, 102, 103, 210, 211. Advertising design majors only. — 3 credits
0101 F.....12:00pm- 1:00pm (H 1413) Thorpe, J
M.....12:00pm- 3:30pm (H 1413) LAB
0102 F.....12:00pm- 1:00pm (H 1413) Thorpe, J
W.....12:00pm- 3:30pm (H 1413) LAB

APDS330 Typography and Lettering; Grade Method: REG/P-F/AUD; Prerequisite: APDS 101A, 102. Advertising design majors only. — 3 credits
0101 MWF.....8:00am- 9:40am (H 1413) LAB Roper, J
0201 MWF.....10:00am-11:40am (H 1413) LAB Roper, J

APDS331 Advertising Layout; Grade Method: REG/P-F/AUD, Prerequisite: APDS 330 and EDIT 160, APDS 101, 102. Consent of instructor. Co-requisite: EDIT 234. Advertising design majors only. — 3 credits
0101 Tu.....8:00am- 9:00am (H 1413) Roper, J
Th.....8:00am-11:00am (H 1413) LAB

APDS332 Display Design; Grade Method: REG/P-F/AUD; Prerequisites - EDIT 160, APDS 330, APDS 101, APDS 102. Advertising design majors only. — 3 credits
0101 M.....2:00pm- 3:30pm (H 0108) Ansell, J
W.....4:00pm- 7:00pm (H 1413) LAB
0102 M.....2:00pm- 3:30pm (H 0108) Ansell, J
M.....4:00pm- 7:00pm (H 1413) LAB

APDS337 Advanced Photography; Grade Method: REG/P-F/AUD; Advertising design majors only. Prerequisites: APDS 237 and APDS 101A, 102. Photolab is arranged. — 3 credits
0101 Tu.....12:00pm- 1:15pm (H 0110) Gips, C
Th.....8:00am-11:00am (H 0110) LAB
0102 Tu.....12:00pm- 1:15pm (H 0110) Gips, C
Th.....12:00pm- 3:00pm (H 0110) LAB

APDS380 Professional Seminar; Grade Method: REG/P-F/AUD; Advertising design majors only. — 2 credits
0101 M.....6:00pm- 8:00pm (H 0108) Lozner, R

APDS386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Must be taken concurrently with APDS 387. Advertising design majors by portfolio review and written consent of instructor. — 1-3 credits
0101 M.....1:00pm- 1:50pm (H 2407A) Roper, J
0201 Time and room to be arranged Gips, C
0301 Time and room to be arranged Lozner, R
0401 Time and room to be arranged Ansell, J
0601 Time and room to be arranged Thorpe, J

APDS387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Must be taken with APDS 386 - use same section number. Advertising design majors by portfolio review and written consent of instructor. — 1-3 credits
0101 M.....1:00pm- 1:50pm (H 2407A) Roper, J
0201 Time and room to be arranged Gips, C
0301 Time and room to be arranged Lozner, R
0401 Time and room to be arranged Ansell, J
0601 Time and room to be arranged Thorpe, J

APDS430 Advanced Problems in Advertising Design; Grade Method: REG/P-F/AUD; Prerequisite: APDS 101, 102, 330, 331. Advertising design majors only. — 3 credits
0101 M.....9:00am-10:00am (H 1108) Thorpe, J
F.....8:00am-11:00am (H 1108) LAB
0201 M.....4:00pm- 5:00pm (H 2411) Davis, S
W.....4:00pm- 7:00pm (H 2411) LAB

APDS431 Advanced Problems in Advertising Design; Grade Method: REG/P-F/AUD; Advertising design majors only. Prerequisite: APDS 430. — 3 credits
0101 Th.....3:00pm- 4:00pm (H 1413) Lozner, R
Tu.....1:00pm- 4:00pm (H 1413) LAB
0102 Th.....3:00pm- 4:00pm (H 1413) Lozner, R
Tu.....4:00pm- 7:00pm (H 1413) LAB

APDS499A Individual Problems in Applied Design; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

APDS499D Individual Problems in Applied Design: Core; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

---

ARCH Architecture (Architecture)

ARCH170 Introduction to the Built Environment; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 MWF.....10:00am-10:50am (ARC 0204) Johns, F

ARCH222 History of Western Architecture; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (ARC 0204) Vann, R

ARCH242 Drawing I; Grade Method: REG/P-F/AUD; Architecture and pre-architecture majors only. — 2 credits
0101 W.....12:00pm-12:50pm (ARC 1103) Lu, P
M.....12:00pm- 2:00pm (ARC 1103) LAB
0102 W.....12:00pm-12:50pm (ARC 1103) Lu, P
F.....11:00am- 1:00pm (ARC 1103) LAB
0103 W.....12:00pm-12:50pm (ARC 1103) Lu, P
F.....12:00pm- 2:00pm (ARC 1121) LAB
0104 W.....12:00pm-12:50pm (ARC 1103) Lu, P
W.....7:00pm- 9:00pm (ARC 1103) LAB

ARCH302 Architecture Studio I; Grade Method: REG/P-F/AUD; ARCH majors only. — 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 0204) Dynerman, A
MWF.....2:00pm- 6:00pm (ARC 0101) LAB

ARCH312 Architectural Structures I; Grade Method: REG/P-F/AUD; Prerequisite: MATH 220 and PHYS 122. ARCH majors only or permission of instructor. — 3 credits
0101 TuTh.....11:00am-12:15pm (ARC 1101) Loss, J

ARCH313 Thermal and Acoustical Technology in Buildings; Grade Method: REG/P-F/AUD; Prerequisite: MATH 220 and PHYS 122. ARCH majors only or permission of instructor. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARC 1101) Thirtrakoolchai

ARCH343 Drawing II: Line Drawing; Grade Method: REG/P-F/AUD; ARCH majors only or permission of instructor. — 2 credits
0101 F.....12:00pm- 2:00pm (ARC 1101) Lewis, R
M.....12:00pm-12:50pm (ARC 1101) LAB
0102 F.....12:00pm- 2:00pm (ARC 1101) Lewis, R
M.....1:00pm- 1:50pm (ARC 1101) LAB

ARCH375 Architectural Construction and Materials; Grade Method: REG/P-F/AUD; ARCH majors only or permission of instructor. — 3 credits
0101 M.....7:00pm- 8:15pm (ARC 1101) Wiedemann, G
Th.....5:00pm- 6:15pm (ARC 1101)

ARCH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact David Fogle for information. — 1-3 credits

ARCH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact David Fogle for information. — 1-3 credits

ARCH402 Architecture Studio III; Grade Method: REG/P-F/AUD; ARCH majors only. — 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 1103) Lu, P
MWF.....2:00pm- 6:00pm (ARC 0101) LAB

ARCH408 (PermReq) Selected Topics in Architecture Studio: Architecture Studio Elective; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. ARCH majors only. Prerequisite: ARCH 403 or equivalent. Contact S. Sachs for information. — 3-6 credits

ARCH416 Advanced Architectural Structures; Grade Method: REG/P-F/AUD; ARCH majors only or permission of instructor. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARC 1103) Loss, J

ARCH419 (PermReq) Independent Studies in Architectural Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact J. Loss for course information. — 1-4 credits

ARCH422 History of Greek Architecture; Grade Method: REG/P-F/AUD; ARCH majors or permission of instructor. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARC 1103) Vann, R

ARCH428B Selected Topics in Architectural History: Seminar in Contemporary Architecture; Grade Method: REG/P-F/AUD; ARCH majors or permission of instructors. Qualifies as history seminar. — 3 credits
0101 W.....10:00am-11:00am (ARC 1127) Schumacher, T
M.....10:00am-12:00pm (ARC 1127) DIS

ARCH428C Selected Topics in Architectural History: Frank Lloyd Wright and LeCorbusier; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (ARC 1125) Etlin, R

ARCH428E Selected Topics in Architectural History: Seminar in Ancient Architecture; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....3:30pm- 6:00pm (ARC 1125) Vann, R

ARCH429 (PermReq) Independent Studies in Architectural History; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact L. Vann for course information. — 1-4 credits

ARCH434 History of Modern Architecture; Grade Method: REG/P-F/AUD; ARCH majors or permission of instructor. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARC 1121) Etlin, R

ARCH445 Visual Analysis of Architecture; Grade Method: REG/P-F/AUD; ARCH majors only. — 3 credits
0101 MF.....11:00am-11:50am (ARC 1105) McInturff, M
W.....11:00am-11:50am (ARC 1105) LAB
0102 MF.....11:00am-11:50am (ARC 1105) McInturff, M
W.....11:00am-11:50am (ARC 1103) LAB

ARCH449 (PermReq) Independent Studies in Visual Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact William Bechhoefer for information. — 1-4 credits

ARCH450 Introduction to Urban Planning; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (ARC 1103) Fogle, D

ARCH453 Urban Problems Seminar; Grade Method: REG/P-F/AUD; ARCH majors or permission of instructor. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (ARC 1123) Fogle, D

ARCH454 Theories of Urban Form; Grade Method: REG/P-F/AUD; ARCH majors or permission of instructor. — 3 credits
0101 MWF.....10:00am-10:50am (ARC 1125) Dupuy, K

ARCH459 (PermReq) Independent Studies in Urban Planning; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information. — 1-4 credits

ARCH470 (PermReq) Computer Applications in Architecture; Grade Method: REG/P-F/AUD; ARCH majors only. — 3 credits
0101 W.....11:00am-11:50am (ARC 1127) Sachs, S
F.....10:00am-12:00pm (ARC 1127) LAB

ARCH472 Economic Determinants in Architecture; Grade Method: REG/P-F/AUD; Architecture majors only or permission of instructor. — 3 credits
0101 M.....12:00pm- 1:50pm (ARC 1127) Hill, J
F.....12:00pm- 1:50pm (ARC 1127) LAB

ARCH479 (PermReq) Independent Studies in Architecture; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. — 1-4 credits

ARCH479A (PermReq) Independent Studies in Architecture: Drawing in South Asian Architecture; Grade Method: REG/P-F/AUD; — 1-4 credits
0101 Time and room to be arranged McInturff, M

ARCH481 The Architect in Archaeology; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged LAB Vann, R

ARCH489 Independent Studies in Architectural Preservation; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information. — 1-4 credits

ARCH600 Architecture Studio V; Grade Method: REG/AUD; — 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 1105) Bechhoefer, W
MWF.....2:00pm- 6:00pm (ARC 0101) LAB

ARCH601 Architecture Studio VI; Grade Method: REG/AUD; ARCH majors only. — 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 1101) Schumacher, T
MWF.....2:00pm- 2:50pm (ARC 0101) LAB

ARCH613 Structural Systems in Architecture; Grade Method: REG/AUD; ARCH majors only or permission of instructor. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (ARC 1127) Loss, J

ARCH674 (PermReq) Seminar in Regionalism; Grade Method: REG/AUD; Satisfies theory requirement. — 3 credits
0101 W.....10:00am-11:00am (ARC 1123) Bechhoefer, W
F.....10:00am-12:00pm (ARC 1123) DIS

ARCH676 (PermReq) Field Research in Architecture; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Bechhoefer, W

ARCH678 Selected Topics in Architecture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for course information. ARCH majors only. — 1-6 credits

ARCH679 Independent Studies in Architecture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. — 1-6 credits

ARCH700 Architecture Studio VII; Grade Method: REG/AUD; ARCH majors only. — 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 1127) Dupuy, K
MWF.....2:00pm- 6:00pm (ARC 0102) LAB

ARCH797 Thesis Proseminar; Grade Method: REG/AUD; ARCH majors only. — 3 credits
0101 Time and room to be arranged Schlesinger, B

ARCH799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. ARCH majors only. — 1-6 credits

---

AREC Agriculture and Resource Economics (Agriculture)

AREC250 Elements of Agricultural and Resource Economics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (0 2109) Leathers, H

AREC365 World Hunger, Population, and Food Supplies; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (SSB 2205) Foster, P

AREC407 Agricultural Finance; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (0 2109) Leathers, H

AREC414 Agricultural Business Management; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (F 1101) Cain, J

AREC432 Introduction to Natural Resources Policy; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....3:00pm- 5:40pm (0 0200) Strand Jr., I

AREC433 Food and Agricultural Policy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 MW.....3:00pm- 4:15pm (0 2109) Brown, E

AREC445 World Agricultural Development and the Quality of Life; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (0 2109) Foster, P

AREC453 Natural Resources and Public Policy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (0 2109) STAFF

AREC489G Special Topics in Agricultural and Resources Economics: Commodity Futures and Options; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (AR 0118) Gardner, B

AREC689D Special Topics in Agricultural and Resource Economics: Economics of Renewable Resources; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (0 2109) McConnell, K

AREC689E Special Topics in Agricultural and Resource Economics: Optimization in Agricultural and Resource Economics; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (0 2109) Hueth, D

AREC899 (PermReq) Special Problems in Agricultural and Resource Economics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-2 credits

AREC799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

AREC832 Agricultural Price and Income Policy; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (0 2109) Gardner, B

AREC899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

ARHU Arts and Humanities (Arts and Humanities)

ARHU386 Field Work; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged STAFF

ARHU387 Field Work Analysis; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged STAFF

ARSC Air Science

ARSC100 The Air Force Today I; Grade Method: REG; An elective but required for freshmen desiring the four year AFROTC program. The course consists of one lecture period and one corps training period (lab) each week. All cadets must attend convocation on 2 Sep and 4 Sep at 0800, Room 0135 Armory. Only cadets with class conflict at 0800 must attend at 0700. — 1 credit
0101 Tu.....11:00am-11:50am (GG 3111) Wilson, C
Tu.....8:00am- 8:50am (AR 1122) LAB
0102 Tu.....10:00am-10:50am (GG 3111) Wilson, C
Tu.....8:00am- 8:50am (AR 1122) LAB
0103 Th.....10:00am-10:50am (GG 3111) Wilson, C
Th.....8:00am- 8:50am (AR 1122) LAB
0104 Th.....11:00am-11:50am (GG 3111) Wilson, C
Th.....8:00am- 8:50am (AR 1122) LAB
0111 Tu.....11:00am-11:50am (GG 3111) Wilson, C
Th.....7:00am- 7:50am (AR 1122) LAB
0112 Tu.....10:00am-10:50am (GG 3111) Wilson, C
Th.....7:00am- 7:50am (AR 1122) LAB
0113 Th.....10:00am-10:50am (GG 3111) Wilson, C
Th.....7:00am- 7:50am (AR 1122) LAB
0114 Th.....11:00am-11:50am (GG 3111) Wilson, C
Th.....7:00am- 7:50am (AR 1122) LAB

ARSC110 Fundamentals of Flying; Grade Method: REG; This course is an elective but designed for AFROTC juniors slated for Air Force undergraduate pilot training. This course is a lower level elective open to any freshman or sophomore. — 1 credit
0101 W.....10:00am-10:50am (GG 3110) Miller, R

ARSC200 The Development of Air Power I; Grade Method: REG; An elective, but required for sophomores desiring the four year AFROTC program. The course consists of one lecture period and one corps training period (lab) each week. All cadets must attend convocation on 2 Sep and 4 Sep at 0800, in Armory Room 0135. Only cadets with class conflict at 0800 must attend at 0700. — 1 credit
0101 Tu.....10:00am-10:50am (GG 3112) Gillespie, R
Tu.....8:00am- 8:50am (AR 1122) LAB
0102 Tu.....11:00am-11:50am (GG 3112) Gillespie, R
Tu.....8:00am- 8:50am (AR 1122) LAB
0103 Th.....10:00am-10:50am (GG 3112) Gillespie, R
Th.....8:00am- 8:50am (AR 1122) LAB
0104 Th.....11:00am-11:50am (GG 3112) Gillespie, R
Th.....8:00am- 8:50am (AR 1122) LAB
0111 Tu.....10:00am-10:50am (GG 3112) Gillespie, R
Th.....7:00am- 7:50am (AR 1122) LAB
0112 Tu.....11:00am-11:50am (GG 3112) Gillespie, R
Th.....7:00am- 7:50am (AR 1122) LAB
0113 Th.....10:00am-10:50am (GG 3112) Gillespie, R
Th.....7:00am- 7:50am (AR 1122) LAB
0114 Th.....11:00am-11:50am (GG 3112) Gillespie, R
Th.....7:00am- 7:50am (AR 1122) LAB

ARSC205 The U.S. Air Force and Air Power; Grade Method: REG; — 4 credits
0101 Time and room to be arranged Fields, C

ARSC310 Management and Leadership I; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Consists of 3 lecture hours and one corps training (lab) period each week. Required for all juniors in AFROTC. All cadets must attend convocation on 2 Sept and 4 Sept at 0800, Room 0135 of the Armory. Only cadets with class conflict at 0800 must attend at 0700. — 3 credits

0101	MWF.....9:00am- 9:50am	(GG 3114)			Miller, R
	Th.....8:00am- 8:50am	(GG 3109)	LAB		
0104	Th.....9:00am-11:30am	(GG 3114)			Fields, C
	Th.....8:00am- 8:50am	(GG 3109)	LAB		
0105	MWF.....11:00am-11:50am	(GG 3114)			Miller, R
	Tu.....8:00am- 8:50am	(GG 3109)	LAB		
0106	MWF.....10:00am-10:50am	(GG 3114)			Fields, C
	Tu.....8:00am- 8:50am	(GG 3109)	LAB		
0111	MWF.....9:00am- 9:50am	(GG 3114)			Miller, R
	Th.....7:00am- 7:50am	(GG 3109)	LAB		
0114	Th.....9:00am-11:30am	(GG 3114)			Fields, C
	Th.....7:00am- 7:50am	(GG 3109)	LAB		
0115	MWF.....11:00am-11:50am	(GG 3114)			Miller, R
	Th.....7:00am- 7:50am	(GG 3109)	LAB		
0116	MWF.....10:00am-10:50am	(GG 3114)			Fields, C
	Th.....7:00am- 7:50am	(GG 3109)	LAB		

ARSC320 National Security Forces in Contemporary American Society I; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Consists of 3 lecture hours and one corps training (lab) period each week. Required course for all seniors in AFROTC and open to all university students (without lab) as an elective. All cadets must attend convocation on 2 Sept and 4 Sept at 0800, room 0135 of the Armory. Only cadets with class conflict at 0800 must attend at 0700. — 3 credits

0101	TuTh.....12:30pm- 1:45pm	(GG 3121)			Zappa, P
	Tu.....8:00am- 8:50am	(GG 3109)	LAB		
0102	TuTh.....2:00pm- 3:15pm	(GG 3121)			Zappa, P
	Th.....8:00am- 8:50am	(GG 3109)	LAB		
0104	Th.....9:00am-11:30am	(GG 3121)			Zappa, P
	Th.....8:00am- 8:50am	(GG 3109)	LAB		
0111	TuTh.....12:30pm- 1:45pm	(GG 3121)			Zappa, P
	Th.....7:00am- 7:50am	(GG 3109)	LAB		
0112	TuTh.....2:00pm- 3:15pm	(GG 3121)			Zappa, P
	Th.....7:00am- 7:50am	(GG 3109)	LAB		
0114	Th.....9:00am-11:30am	(GG 3121)			Zappa, P
	Th.....7:00am- 7:50am	(GG 3109)	LAB		

ARTE Art Education (Education)

ARTE100 Fundamentals of Art Education; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:00am-11:00am	(AS 3304)	Divito, C

ARTH Art History (Arts and Humanities)

ARTH100 Introduction to Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....11:00am-11:50am	(AS 2203)	Firmani, D
0201	MWF.....1:00pm- 1:50pm	(AS 1213)	Firmani, D
0301	TuTh.....11:00am-12:15pm	(AS 2203)	STAFF
0401	TuTh.....9:30am-10:45am	(AS 1213)	Denny, D
0501	MWF.....9:00am- 9:50am	(AS 2203)	Burnham, J

ARTH260 History of Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....2:00pm- 2:50pm	(AS 1213)	Venit, M
0201	MWF.....10:00am-10:50am	(AS 2203)	Venit, M

ARTH261 History of Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....9:00am- 9:50am	(ARC 0204)	Firmani, D
0201	MWF.....12:00pm-12:50pm	(ARC 0204)	Caswell, J
0301	TuTh.....2:00pm- 3:15pm	(AS 2203)	Rearick, W

ARTH261H History of Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	TuTh.....2:00pm- 3:15pm	(AS 3211)	Hargrove, J

ARTH262 Arts of Asia; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....2:00pm- 2:50pm	(AS 3211)	Sandler, M

ARTH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTH404 Bronze Age Art; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....12:00pm-12:50pm	(AS 3211)	Venit, M

ARTH406 Arts of China; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....10:00am-10:50am	(AS 3211)	Sandler, M

ARTH407 Arts of Japan; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....12:00pm-12:50pm	(AS 3219)	Sandler, M

ARTH410 Early Christian - Early Byzantine Art; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....1:00pm- 1:50pm	(AS 3215)	Spiro, M

ARTH412 Medieval Art; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....12:30pm- 1:45pm	(AS 3215)	Denny, D

ARTH416 Northern European Painting in the 15th Century; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....12:00pm-12:50pm	(AS 3215)	Farquhar, J

ARTH417 Northern European Painting in the 16th Century; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....2:00pm- 2:50pm	(AS 3215)	Caswell, J

ARTH422 Early Renaissance Art in Italy; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....11:00am-12:15pm	(AS 3219)	Rearick, W

ARTH430 European Baroque Art; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....11:00am-12:15pm	(AS 3211)	Difederico, F

ARTH440 19th Century European Art; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....12:30pm- 1:45pm	(AS 3211)	Hargrove, J

ARTH450 20th Century Art; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....11:00am-12:15pm	(AS 1213)	Withers, J

ARTH462 African Art; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm	(AS 3215)	STAFF

ARTH470 Latin American Art; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....3:30pm- 4:45pm	(AS 3211)	Miller, A

ARTH473 Arts of Black Americans I; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....11:00am-12:15pm	(AS 3215)	Driskell, D

ARTH476 History of American Art to 1900; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am	(AS 3211)	Peters-Campbell

ARTH489 Special Topics in Art History; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTH489A Special Topics in Art History: Seminar: Comtemporary Art-European and America 1960-Present; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....1:00pm- 3:00pm	(AS 4304)	Burnham, J

ARTH498 (PermReq) Directed Studies in Art History I; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 2-3 credits

ARTH499 (PermReq) Directed Studies in Art History II; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 2-3 credits

ARTH692 Methods of Art History; Grade Method: REG/AUD; — 3 credits

0101	MW.....2:00pm- 3:15pm	(AS 4306)	Farquhar, J

ARTH698 (PermReq) Directed Graduate Studies in Art History; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTH699A Special Topics in Art History: Seminar in Italian and Baroque Art; Grade Method: REG/AUD; — 3 credits

0101	Th.....3:00pm- 5:30pm	(AS 4304)	Difederico, F

ARTH699B Special Topics in Art History: Seminar: The Studio of the Artist: Iconographic Problems; Grade Method: REG/AUD; — 3 credits

0101	Tu.....3:00pm- 5:30pm	(AS 4306)	Withers, J

ARTH699C Special Topics in Art History: Seminar: Rubens and Van Dyck in Italy; Grade Method: REG/AUD; — 3 credits

0101	M.....3:30pm- 6:00pm	(AS 4306)	Wheelock Jr., A

ARTH709 Seminar in Early Christian and Byzantine Art: Seminar in Early Christian and Byzantine Art; Grade Method: REG/AUD; — 3 credits

0101	F.....3:30pm- 6:00pm	(AS 4304)	Spiro, M

ARTH770 Seminar in Latin-American Art; Grade Method: REG/AUD; — 3 credits

0101	Tu.....12:15pm- 2:45pm	(AS 4306)	Miller, A

ARTH774 Seminar in 19th Century American Art; Grade Method: REG/AUD; — 3 credits

0101	Th.....12:15pm- 2:45pm	(AS 4306)	Peters-Campbell

ARTH798 (PermReq) Directed Graduate Studies in Art History; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 1-6 credits

ARTH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

ARTS Art Studio (Arts and Humanities)

ARTS100 Elements of Design; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....9:30am-11:30am	(AS 2314)			Koscianski, L
0201	MW.....9:30am-11:30am	(AS 2318)			Koscianski, L
0301	MW.....12:30pm- 2:30pm	(AS 2314)			Richardson, W
0401	MW.....12:30pm- 2:30pm	(AS 2318)			Richardson, W
0501	MW.....3:00pm- 5:00pm	(AS 2314)			Krushenick, N
0601	MW.....3:00pm- 5:00pm	(AS 2318)			Krushenick, N
0701	TuTh.....9:30am-11:30am	(AS 2314)			Putman, S
0801	TuTh.....9:30am-11:30am	(AS 2318)			Putman, S
0901	TuTh.....12:30pm- 2:30pm	(AS 2314)			Klank, R
1001	TuTh.....12:30pm- 2:30pm	(AS 2318)			Klank, R
1101	TuTh.....3:00pm- 5:00pm	(AS 2314)			Lapinski, T
1201	TuTh.....3:00pm- 5:00pm	(AS 2318)			Lapinski, T

ARTS110 Elements of Drawing; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....9:00am-11:30am	(AS 2317)	LAB		Meizlik, J
0201	MW.....9:00am-11:30am	(AS 2321)	LAB		Meizlik, J
0301	MW.....12:30pm- 3:00pm	(AS 2317)	LAB		Kehoe, P
0401	MW.....12:30pm- 3:00pm	(AS 2321)	LAB		Kehoe, P
0701	TuTh.....9:00am-11:30am	(AS 2317)	LAB		Craig, P
0801	TuTh.....9:00am-11:30am	(AS 2321)	LAB		Craig, P
0901	TuTh.....12:30pm- 3:00pm	(AS 2317)	LAB		Putman, S
1001	TuTh.....12:30pm- 3:00pm	(AS 2321)	LAB		Putman, S
1101	TuTh.....3:00pm- 5:30pm	(AS 2317)	LAB		McIntyre, S
1201	TuTh.....3:00pm- 5:30pm	(AS 2321)	LAB		McIntyre, S

ARTS208B Design: Three-Dimensional Design; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:00am-11:30am	(AS 1311)	LAB		Blotner, P

ARTS208C Design: Intermediate Design; Grade Method: REG/P-F/AUD; Repeatable for total of 6 credits if content differs. — 3 credits

0101	MW.....3:00pm- 5:30pm	(AS 2315)	LAB		Demonte, C

ARTS210 Intermediate Drawing; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....3:00pm- 5:30pm	(AS 2322)	LAB		Morrison, K
0201	TuTh.....12:30pm- 3:00pm	(AS 2315)	LAB		Pogue, S
0301	TuTh.....3:00pm- 5:30pm	(AS 2322)	LAB		Putman, S

ARTS320 Elements of Painting; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....12:30pm- 3:00pm	(AS 3316)	LAB		Krushenick, N
0201	MW.....3:00pm- 5:30pm	(AS 3318)	LAB		Koscianski, L
0301	MW.....3:00pm- 5:30pm	(AS 3322)	LAB		Koscianski, L
0401	TuTh.....9:00am-11:30am	(AS 3312)	LAB		Klank, R
0501	TuTh.....3:00pm- 5:30pm	(AS 3312)	LAB		Niese, H
0601	TuTh.....3:00pm- 5:30pm	(AS 3316)	LAB		Niese, H

ARTS330 Elements of Sculpture: Modeling/casting; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....12:30pm- 3:00pm	(AS 1310)	LAB		Meizlik, J

ARTS334 Elements of Sculpture: Construction; Grade Method: REG/P-F/AUD; — 3 credits

0201	TuTh.....12:30pm- 3:00pm	(AS 1311)	LAB		Blotner, P

ARTS335 Elements of Sculpture: Carving; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....9:00am-11:30am	(AS 1314)	LAB		Gugliuzza, B

ARTS340 Elements of Printmaking: Intaglio; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:00am-11:30am	(AS 1317)	LAB		Pogue, S
0201	MW.....12:30pm- 3:00pm	(AS 1317)	LAB		Forbes Jr., J
0301	MW.....3:00pm- 5:30pm	(AS 1317)	LAB		Forbes Jr., J

ARTS344 Elements of Printmaking: Lithography; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....12:30pm- 3:00pm	(AS 1317)	LAB		Lapinski, T

ARTS386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTS387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTS418 Drawing; Grade Method: REG/P-F/AUD; Repeatable for up to 12 credits. — 3 credits

0101	MW.....9:00am-11:30am	(AS 2322)	LAB		Truitt, A
0201	MW.....12:30pm- 3:00pm	(AS 2322)	LAB		Koscianski, L
0301	TuTh.....12:30pm- 3:00pm	(AS 2322)	LAB		Niese, H

ARTS428 Painting: Advanced Painting; Grade Method: REG/P-F/AUD; Repeatable for up to 12 credits. — 3 credits

0101	MW.....9:00am-11:30am	(AS 3322)	LAB		Richardson, W
0201	TuTh.....9:00am-11:30am	(AS 3316)	LAB		Klank, R
0301	TuTh.....12:30pm- 3:00pm	(AS 3322)	LAB		Craig, P

ARTS428A Painting: Advanced Acrylic Painting; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....12:30pm- 3:00pm	(AS 3312)	LAB		Krushenick, N

ARTS428B Painting: Advanced Oil Painting; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....3:00pm- 5:30pm	(AS 3318)	LAB		Kehoe, P

ARTS438A Sculpture: Bronze Casting; Grade Method: REG/P-F/AUD; Repeatable for up to 12 credits. — 3 credits

0101	MW.....3:00pm- 5:30pm	(AS 1310)	Meizlik, J

ARTS438B Sculpture: Stone Sculpture; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....12:30pm- 3:00pm	(AS 1314)	Gugliuzza, B

ARTS438C Sculpture: Steel Sculpture; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....12:30pm- 3:00pm	(AS 1314) LAB	McIntyre, S

ARTS448A Printmaking: Advanced Intaglio; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:00am-11:30am	(AS 1317)	LAB	Pogue, S
0201	MW.....12:30pm- 3:00pm	(AS 1317)	LAB	Forbes Jr., J
0301	MW.....3:00pm- 5:30pm	(AS 1317)	LAB	Forbes Jr., J

ARTS448B Printmaking: Advanced Lithography; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....12:30pm- 3:00pm	(AS 1317)	LAB	Lapinski, T

ARTS468 Advanced Seminar in Studio Art; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....12:30pm- 3:00pm	(AS 3306)	LAB	Truitt, A

ARTS489A Special Problems in Studio Arts: Methods and Materials of Painting; Grade Method: REG/P-F/AUD; Advanced students only. — 3 credits

0101	TuTh.....1:00pm- 3:30pm	(AS 3306)	LAB	Driskell, D

ARTS489B Special Problems in Studio Arts: Watercolor; Grade Method: REG/P-F/AUD; Repeatable for a total of 6 credits if content differs. — 3 credits

0101	MW.....12:30pm- 3:00pm	(AS 2315)	LAB	Morrison, K

ARTS489C Special Problems in Studio Arts: Advanced Design; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....3:30pm- 5:30pm	(AS 2315)	LAB	Demonte, C

ARTS498 (PermReq) Directed Studies in Studio Art; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. Not available as an elective. — 2-3 credits

ARTS610 (PermReq) Drawing; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS620 (PermReq) Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS624 (PermReq) Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS627 Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS634 (PermReq) Experimentation in Sculpture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS646 Printmaking; Grade Method: REG/AUD; — 3 credits

0501	Time and room to be arranged	Forbes Jr., J
1101	Time and room to be arranged	Lapinski, T
2101	Time and room to be arranged	Pogue, S

ARTS689A Special Problems in Studio Art: Graduate Seminar in Contemporary Art; Grade Method: REG/AUD; — 3 credits

0101	MW.....12:30pm- 3:00pm	(AS M1328) Demonte, C

ARTS698 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTS798 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTS799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ASTR Astronomy (Comp, Math, & Phys Sci)

ASTR100 Introduction to Astronomy; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies Non-Lab Science and Mathematics Requirement. If ASTR 110 or 111 are taken at the same or at a later time, the combination may be counted as a lab science requirement. Discussion sections do not meet the first week. Attend lecture before coming to discussion section. Section 0101 has no discussion section. — 3 credits

0101	TuTh.....9:30am-10:45am	(Z 1412)			Deming, G
0201	MWF.....9:00am- 9:50am	(Z 1412)			Heckman, T
	F.....1:00pm- 1:50pm	(CSS 0201)	DIS		
0202	MWF.....9:00am- 9:50am	(Z 1412)			Heckman, T
	M.....10:00am-10:50am	(CSS 0201)	DIS		
0204	MWF.....9:00am- 9:50am	(Z 1412)			Heckman, T
	Tu.....4:00pm- 4:50pm	(CSS 0201)	DIS		
0205	MWF.....9:00am- 9:50am	(Z 1412)			Heckman, T
	W.....10:00am-10:50am	(CSS 0201)	DIS		
0206	MWF.....9:00am- 9:50am	(Z 1412)			Heckman, T
	F.....10:00am-10:50am	(CSS 0201)	DIS		
0208	MWF.....9:00am- 9:50am	(Z 1412)			Heckman, T
	W.....12:00pm-12:50pm	(CSS 0201)	DIS		
0209	MWF.....9:00am- 9:50am	(Z 1412)			Heckman, T
	W.....1:00pm- 1:50pm	(CSS 0201)	DIS		
0210	MWF.....9:00am- 9:50am	(Z 1412)			Heckman, T
	F.....12:00pm-12:50pm	(CSS 0201)	DIS		
0301	TuTh.....11:00am-12:15pm	(Z 1412)			Carlson, J
	M.....3:00pm- 3:50pm	(CSS 1113)	DIS		
0302	TuTh.....11:00am-12:15pm	(Z 1412)			Carlson, J
	M.....10:00am-10:50am	(CSS 1113)	DIS		
0304	TuTh.....11:00am-12:15pm	(Z 1412)			Carlson, J
	M.....9:00am- 9:50am	(CSS 0201)	DIS		
0305	TuTh.....11:00am-12:15pm	(Z 1412)			Carlson, J
	W.....10:00am-10:50am	(CSS 1113)	DIS		
0306	TuTh.....11:00am-12:15pm	(Z 1412)			Carlson, J
	W.....9:00am- 9:50am	(CSS 0201)	DIS		
0307	TuTh.....11:00am-12:15pm	(Z 1412)			Carlson, J
	W.....2:00pm- 2:50pm	(CSS 0201)	DIS		
0308	TuTh.....11:00am-12:15pm	(Z 1412)			Carlson, J
	F.....10:00am-10:50am	(CSS 1113)	DIS		
0309	TuTh.....11:00am-12:15pm	(Z 1412)			Carlson, J
	W.....3:00pm- 3:50pm	(CSS 1113)	DIS		

ASTR110 Astronomy Laboratory; Grade Method: REG/P-F/AUD; Previous or concurrent enrollment in ASTR 100 is required. The first class meets on Sept. 8. — 1 credit

0101	M.....8:00am-10:00am	(CSS 1109)	LAB		STAFF
0201	M.....10:30am-12:30pm	(CSS 1109)	LAB		STAFF
0301	M.....1:00pm- 3:00pm	(CSS 1109)	LAB		STAFF
0401	M.....3:30pm- 5:30pm	(CSS 1109)	LAB		STAFF
0501	M.....6:00pm- 8:00pm	(CSS 1109)	LAB		STAFF
0601	Tu.....8:00am-10:00am	(CSS 1109)	LAB		STAFF
0701	Tu.....10:30am-12:30pm	(CSS 1109)	LAB		STAFF
0801	Tu.....1:00pm- 3:00pm	(CSS 1109)	LAB		STAFF
0901	Tu.....3:30pm- 5:30pm	(CSS 1109)	LAB		STAFF
1001	Tu.....6:00pm- 8:00pm	(CSS 1109)	LAB		STAFF
1101	W.....8:00am-10:00am	(CSS 1109)	LAB		STAFF
1201	W.....10:30am-12:30pm	(CSS 1109)	LAB		STAFF
1301	W.....1:00pm- 3:00pm	(CSS 1109)	LAB		STAFF
1401	W.....3:30pm- 5:30pm	(CSS 1109)	LAB		STAFF
1501	W.....6:00pm- 8:00pm	(CSS 1109)	LAB		STAFF
1601	Th.....8:00am-10:00am	(CSS 1109)	LAB		STAFF
1701	Th.....10:30am-12:30pm	(CSS 1109)	LAB		STAFF
1801	Th.....1:00pm- 3:00pm	(CSS 1109)	LAB		STAFF
1901	Th.....3:30pm- 5:30pm	(CSS 1109)	LAB		STAFF
2001	Th.....6:00pm- 8:00pm	(CSS 1109)	LAB		STAFF
2101	F.....8:00am-10:00am	(CSS 1109)	LAB		STAFF
2201	F.....10:30am-12:30pm	(CSS 1109)	LAB		STAFF
2301	F.....1:00pm- 3:00pm	(CSS 1109)	LAB		STAFF
2401	F.....3:30pm- 5:30pm	(CSS 1109)	LAB		STAFF

ASTR111 Observational Astronomy Laboratory; Grade Method: REG/P-F/AUD; Previous or concurrent enrollment in ASTR100 is required. First meeting is in CSS 0201 during the first week of classes. — 1 credit

0101	Tu.....7:30pm- 9:30pm	(ALB 1101)	LAB		STAFF
0201	W.....7:30pm- 9:30pm	(ALB 1101)	LAB		STAFF

ASTR181 Introductory Astronomy and Astrophysics I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; For science and math majors. Corequisite: MATH 140. — 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 0201) Trimble, V

ASTR210 Practical Astronomy; Grade Method: REG/P-F/AUD; Credit according to work done. Prerequisite: ASTR 181 or 350. — 2-3 credits
0101 TuTh.....12:30pm- 2:30pm (CSS 0201) Harrington, J

ASTR288 (PermReq) Special Projects in Astronomy; Grade Method REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. A faculty sponsor must be found by the students wishing to enroll in this course. — 1-3 credits

ASTR300 Stars and Stellar Systems; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; This course is open to juniors and seniors only. It is intended for non-physical science majors. Prerequisite: ASTR 100 or consent of instructor. — 3 credits
0101 MWF.....1:00pm- 1:50pm (CSS 1113) Rose, W

ASTR330 Solar-System Astronomy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ASTR 100 or consent of instructor. Designed primarily for non-physical science majors. Open to juniors and seniors only. — 3 credits
0101 MWF.....12:00pm-12:50pm (CSS 1113) Theison, D
0201 MWF.....2:00pm- 2:50pm (CSS 1113) Theison D

ASTR340 Galaxies and the Universe; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ASTR 100 or consent of instructor. Designed primarily for non-physical science majors. Open to juniors and seniors only. — 3 credits
0101 TuTh.....9:30am-10:45am (CSS 1113) Kerr, F

ASTR380 Life in the Universe; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ASTR 100 or consent of instructor. Designed primarily for non-science majors. Open only to juniors and seniors. — 3 credits
0101 MWF.....9:00am- 9:50am (CSS 1113) Matthews, T
0201 MWF.....11:00am-11:50am (CSS 1113) Matthews, T

ASTR399 (PermReq) Honors Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ASTR400 Stellar Astrophysics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (CSS 0201) Rose, W

ASTR410 Observational Astronomy I; Grade Method: REG/P-F/AUD; This is a lecture course on instruments and techniques. Taught by J. Heckman and M. Kundu. — 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 1113) Kundu, M

ASTR440 Introduction to Extra-Galactic Astronomy; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:30pm- 3:45pm (CSS 0201) Wilson, A

ASTR498 (PermReq) Special Problems in Astronomy; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. This course is only open to those who make prior arrangements with a member of the astronomy faculty. — 1-6 credits

ASTR610 Astronomical Instrumentation and Techniques; Grade Method: REG/AUD; Taught by L. Blitz and M. A'Hearn. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 1113) Ahearn, M

ASTR640 Radiation and Plasma Processes; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (CSS 0201) Eichler, D

ASTR699 (PermReq) Special Problems in Advanced Astronomy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ASTR788 (PermReq) Selected Topics in Modern Astronomy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ASTR799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ASTR899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

BCHM Biochemistry (Life Sciences)

BCHM261 Elements of Biochemistry; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (C 1402) Brusilow, W

BCHM361 Origins of Biochemistry; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (C 1402) Holmlund, C

BCHM461 Biochemistry I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (C 1407) Sampugna, J

BCHM462 Biochemistry II; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (C 1402) Holmlund, C

BCHM463 Biochemistry Laboratory I; Grade Method: REG/P-F/AUD; — 2 credits
0101 MW.....1:00pm- 4:00pm (C 2225) LAB Sampugna, J
0102 TuTh.....1:00pm- 4:00pm (C 2225) LAB Sampugna, J

BCHM668 Special Problems in Biochemistry; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Registrants in this course must have prior approval from Dr. Gerlt. — 2-4 credits

BCHM669 Special Topics in Biochemistry: Principles of Nucleic Acid Techniques; Grade Method: REG/AUD; — 2 credits
0101 MW.....4:00pm- 4:50pm (C 0124) Hansen, J

BCHM671 Protein Chemistry and Enzymic Catalysis; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (C 2201) Gerlt, J

BCHM672 Biological Membranes; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (C 2201) STAFF

BCHM699 Special Problems in Biochemistry; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis M.S. degree candidates. — 1-6 credits

BCHM799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

BCHM898A Seminar: Biochemistry; Grade Method: REG/AUD; — 1 credit
0101 Tu.....11:00am-11:50am (C 0128) STAFF

BCHM898C Seminar: Lipid Metabolism; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Sampugna, J

BCHM898D Seminar: Current Topics in Steroids and Other Selected Natural Products; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Holmlund, C

BCHM898E Seminar: Xenobiotic Metabolism; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Armstrong, R

BCHM898F Seminar: Spores; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Hansen, J

BCHM898G Seminar: Enzymology; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Dunaway-Mariano

BCHM898I Seminar: Microbial Chemistry; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Brusilow W

BCHM898J Seminar: Mechanisms Biochemical Reactions; Grade Method: REG/AUD; — credit
0101 Time and room to be arranged Gerlt, J

BCHM899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

BIOL Biology (Life Sciences)

BIOL101 Concepts of Biology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies Non-lab Science and Mathematics requirement. If taken with BIOL 102, course may be counted as Lab Science requirement. — 3 credits
0101 MWF.....12:00pm-12:50pm (E 2242) Motta, J

BIOL102 Laboratory in Biology; Grade Method: REG/P-F/AUD; — 1 credit
1003 Tu.....9:00am-12:00pm (E 2104) LAB STAFF
1004 Tu.....1:00pm- 4:00pm (E 2104) LAB STAFF
1007 Th.....9:00am-12:00pm (E 2104) LAB STAFF
1008 Th.....1:00pm- 4:00pm (E 2104) LAB STAFF

BIOL398 (PermReq) Honors Research Problems in Biology; Grade Method: REG; Individual Instruction course: contact Linda Berg, x4324 (E 1225), to obtain section number. — 1-3 credits
0101 Time and room to be arranged Stein, D
0102 Time and room to be arranged Imberski, R

BIOL399 (PermReq) Honors Seminar in Biology; Grade Method: REG; — 1 credit
0101 F.....11:00am-11:50am (E 1229) Berg, L

BIOM Biometrics (Agriculture)

BIOM401 Biostatistics I; Grade Method: REG/P-F/AUD; — 4 credits
0101 TuTh.....12:30pm- 1:45pm (U 2110) Russek-Cohen, E
Tu.....3:00pm- 3:50pm (U 2136) DIS
0102 TuTh.....12:30pm- 1:45pm (U 2110) Russek-Cohen, E
Tu.....4:00pm- 4:50pm (U 2136) DIS
0103 TuTh.....12:30pm- 1:45pm (U 2110) Russek-Cohen, E
W.....12:00pm-12:50pm (WW 1109) DIS

BIOM405 Computer Applications in Biometrics; Grade Method: REG/P-F/AUD; — 1 credit
0101 Tu.....10:00am-12:00pm (II 1105) LAB Johnson, A

BIOM603 Biostatistics III; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (U 2136) Russek-Cohen, E

BIOM604 Linear Models Computer Laboratory; Grade Method: REG/AUD; — 1 credit
0101 Th.....9:00am-11:00am (J 1124) LAB STAFF

BIOM688A (PermReq) Topics in Biometrics: Consulting Experience in Biometrics; Grade Method: REG/AUD; — 1-3 credits
0101 Time and room to be arranged Douglass, L

BIOM688C Topics in Biometrics: Advanced Data Operations in SAS; Grade Method: REG/AUD; — 1 credit
0101 Tu.....3:00pm- 3:50pm (U 2118) Johnson, A

BMGT Business and Management (Business and Management)

BMGT110 Introduction to Business and Management; Grade Method: REG/P-F/AUD; Not open to business majors with 66 or more hours completed. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (Q 0130) Simon, J

BMGT110L (PermReq) Introduction to Business and Management; Grade Method: REG/P-F/AUD; Restricted to Liberal Arts in Business students. Permission of Arts and Humanities Provost. — 3 credits
0101 TuTh.....11:00am-12:15pm (A 0101) Nickels, W

BMGT220 Principles of Accounting I; Grade Method: REG; Prerequisite: sophomore standing. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (Q 0130) Quigley, H
Tu.....8:00am- 8:50am (G 1105) DIS
0102 TuTh.....5:00pm- 6:15pm (Q 0130) Quigley, H
Th.....8:00am- 8:50am (G 1105) DIS
0103 TuTh.....5:00pm- 6:15pm (Q 0130) Quigley, H
Tu.....9:30am-10:30am (Q 2109) DIS
0104 TuTh.....5:00pm- 6:15pm (Q 0130) Quigley, H
Th.....9:30am-10:30am (Q 2109) DIS
0105 TuTh.....5:00pm- 6:15pm (Q 0130) Quigley, H
Tu.....11:00am-12:00pm (AA 1130) DIS
0106 TuTh.....5:00pm- 6:15pm (Q 0130) Quigley, H
Th.....11:00am-12:00pm (AA 1130) DIS
0107 TuTh.....5:00pm- 6:15pm (Q 0130) Quigley, H
Th.....12:30pm- 1:30pm (ARC 1101) DIS
0108 TuTh.....5:00pm- 6:15pm (Q 0130) Quigley, H
Tu.....12:30pm- 1:30pm (ARC 1101) DIS
0109 TuTh.....5:00pm- 6:15pm (Q 0130) Quigley, H
Tu.....2:00pm- 3:00pm (AR 0110) DIS
0110 TuTh.....5:00pm- 6:15pm (Q 0130) Quigley, H
Th.....2:00pm- 3:00pm (AR 0110) DIS
0111 TuTh.....5:00pm- 6:15pm (Q 0130) Quigley, H
Tu.....3:30pm- 4:30pm (Q 2108) DIS
0112 TuTh.....5:00pm- 6:15pm (Q 0130) Quigley, H
Th.....3:30pm- 4:30pm (Q 2108) DIS
0201 MW.....3:30pm- 4:45pm (Q 0130) Rymer, V
F.....8:00am- 9:00am (Q 1132) DIS
0202 MW.....3:30pm- 4:45pm (Q 0130) Rymer, V
F.....9:00am-10:00am (ZP 2283) DIS
0203 MW.....3:30pm- 4:45pm (Q 0130) Rymer, V
F.....10:00am-10:50am (Z 0405) DIS
0204 MW.....3:30pm- 4:45pm (Q 0130) Rymer, V
F.....11:00am-11:50am (Q 2102) DIS
0205 MW.....3:30pm- 4:45pm (Q 0130) Rymer, V
F.....12:00pm-12:50pm (Q 2102) DIS
0206 MW.....3:30pm- 4:45pm (Q 0130) Rymer, V
F.....1:00pm- 2:00pm (G 1105) DIS
0207 MW.....3:30pm- 4:45pm (Q 0130) Rymer, V
F.....2:00pm- 3:00pm (G 1105) DIS
0208 MW.....3:30pm- 4:45pm (Q 0130) Rymer, V
F.....3:00pm- 4:00pm (Q 1118) DIS
0209 MW.....3:30pm- 4:45pm (Q 0130) Rymer, V
M.....8:00am- 9:00am (Q 0101) DIS
0210 MW.....3:30pm- 4:45pm (Q 0130) Rymer, V
Tu.....8:00am- 9:00am (R 1101) DIS
0211 MW.....3:30pm- 4:45pm (Q 0130) Rymer, V
W.....8:00am- 9:00am (Q 2102) DIS
0212 MW.....3:30pm- 4:45pm (Q 0130) Rymer, V
Th.....8:00am- 9:00am (Q 1118) DIS

BMGT221 Principles of Accounting II; Grade Method: REG; Prerequisite: BMGT 220. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. — 3 credits
0101 MW.....4:00pm- 5:15pm (ZP 1240) Hicks, M
F.....8:00am- 9:00am (Q 0101) DIS
0102 MW.....4:00pm- 5:15pm (ZP 1240) Hicks, M
F.....9:00am- 9:50am (A 0124) DIS
0103 MW.....4:00pm- 5:15pm (ZP 1240) Hicks, M
F.....10:00am-10:50am (E 1229) DIS
0104 MW.....4:00pm- 5:15pm (ZP 1240) Hicks, M
F.....11:00am-11:50am (F 1108) DIS
0105 MW.....4:00pm- 5:15pm (ZP 1240) Hicks, M
F.....12:00pm-12:50pm (G 1105) DIS
0106 MW.....4:00pm- 5:15pm (ZP 1240) Hicks, M
F.....1:00pm- 2:00pm (Q 0111) DIS
0107 MW.....4:00pm- 5:15pm (ZP 1240) Hicks, M
F.....2:00pm- 3:00pm (Q 0111) DIS
0108 MW.....4:00pm- 5:15pm (ZP 1240) Hicks, M
F.....3:00pm- 4:00pm (Q 0111) DIS
0109 MW.....4:00pm- 5:15pm (ZP 1240) Hicks, M
M.....8:00am- 9:00am (Q 1132) DIS
0110 MW.....4:00pm- 5:15pm (ZP 1240) Hicks, M
Tu.....8:00am- 9:00am (Q 1108) DIS
0111 MW.....4:00pm- 5:15pm (ZP 1240) Hicks, M
W.....8:00am- 9:00am (Q 0101) DIS
0112 MW.....4:00pm- 5:15pm (ZP 1240) Hicks, M
Th.....8:00am- 9:00am (Q 1108) DIS

BMGT230 Business Statistics; Grade Method: REG; Prerequisite: MATH 220 or consent of instructor. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. Only one of the following courses may be taken for credit: BMGT230, 231, SOCY202, PSYC200, GEOG305, ECON421 or EDMS451. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (Q 0130) Widhelm, W
M.....8:00am- 8:50am (Q 1118) DIS
0102 TuTh.....12:30pm- 1:45pm (Q 0130) Widhelm, W
M.....8:00am- 8:50am (Q 2102) DIS
0103 TuTh.....12:30pm- 1:45pm (Q 0130) Widhelm, W
Tu.....8:00am- 8:50am (Q 1118) DIS
0104 TuTh.....12:30pm- 1:45pm (Q 0130) Widhelm, W
Tu.....8:00am- 8:50am (Q 2102) DIS
0105 TuTh.....12:30pm- 1:45pm (Q 0130) Widhelm, W
W.....8:00am- 8:50am (Q 1118) DIS
0106 TuTh.....12:30pm- 1:45pm (Q 0130) Widhelm, W
Th.....8:00am- 8:50am (Q 2102) DIS
0107 TuTh.....12:30pm- 1:45pm (Q 0130) Widhelm, W
F.....8:00am- 8:50am (Q 1118) DIS
0108 TuTh.....12:30pm- 1:45pm (Q 0130) Widhelm, W
F.....8:00am- 8:50am (Q 2102) DIS
0109 TuTh.....12:30pm- 1:45pm (Q 0130) Widhelm, W
F.....1:00pm- 1:50pm (Q 1118) DIS
0110 TuTh.....12:30pm- 1:45pm (Q 0130) Widhelm, W
F.....1:00pm- 1:50pm (Q 2102) DIS
0111 TuTh.....12:30pm- 1:45pm (Q 0130) Widhelm, W
F.....2:00pm- 2:50pm (Q 2102) DIS
0112 TuTh.....12:30pm- 1:45pm (Q 0130) Widhelm, W
F.....2:00pm- 2:50pm (Q 1118) DIS

BMGT231 Statistical Models For Business; Grade Method: REG; Prerequisite: MATH 141 or consent of instructor. Only one of the following courses may be taken for credit: BMGT230, 231, SOCY202, PSYC200, GEOG305. ECON421, or EDMS451. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (Q 1140) Kotz, S

BMGT301 Introduction to Data Processing; Grade Method: REG; This is a restricted course for BMGT majors, 08380, and 0803H with 53 semester hours completed. All others must have authorization form. — 3 credits
0101 MW.....12:00pm-12:50pm (N 2102) Spear, R
F.....11:00am-11:50am (GG 3112) DIS
0102 MW.....12:00pm-12:50pm (N 2102) Spear, R
F.....12:00pm-12:50pm (AA 1130) DIS
0103 MW.....12:00pm-12:50pm (N 2102) Spear, R
F.....1:00pm- 1:50pm (AA 1130) DIS
0104 MW.....12:00pm-12:50pm (N 2102) Spear, R
F.....2:00pm- 2:50pm (Q 2110) DIS
0201 Tu.....3:00pm- 5:00pm (RR 0106) Hirsch, R
Tu.....5:00pm- 5:50pm (Q 2102) DIS
0202 Tu.....3:00pm- 5:00pm (RR 0106) Hirsch, R
Th.....5:00pm- 5:50pm (Q 2102) DIS
0203 Tu.....3:00pm- 5:00pm (RR 0106) Hirsch, R
Tu.....6:00pm- 6:50pm (Q 2102) DIS
0204 Tu.....3:00pm- 5:00pm (RR 0106) Hirsch, R
Th.....6:00pm- 6:50pm (Q 2102) DIS

BMGT302 Information Systems Implementation Techniques; Grade Method: REG; Prerequisite: BMGT 301 or permission of instructor. This is a restricted course for BMGT majors and 08380 majors with 68 semester hours completed. All others must have authorization form. — 3 credits
0101 TuTh.....9:30am-10:45am (R 1101) Chaires Jr., J
0201 TuTh.....11:00am-12:15pm (R 1114) Courtright, B

BMGT310 Intermediate Accounting I; Grade Method: REG; Prerequisite: BMGT 221. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. This is a restricted course for accounting majors with 53 semester hours completed. All others must have authorization. — 3 credits
0101 Tu.....6:30pm- 9:20pm (Q 1114) Dalton, F
0201 Th.....6:30pm- 9:20pm (Q 0117) Dalton, F
0301 MWF.....10:00am-10:50am (Q 1102) Huss, H
0401 MWF.....11:00am-11:50am (Q 1140) Huss, H
0601 TuTh.....12:30pm- 1:45pm (ULB 1116) Wardlow, P

BMGT311 Intermediate Accounting II; Grade Method: REG; Prerequisite: BMGT 310. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. This is restricted to BMGT majors with 68 semester hours completed. All others must have authorization form. — 3 credits
0101 TuTh.....9:30am-10:45am (F 1101) Stark, A
0201 TuTh.....11:00am-12:15pm (Q 2108) Stark, A
0301 W.....7:00pm- 9:40pm (G 1104) STAFF

BMGT321 Cost Accounting; Grade Method: REG; Prerequisite: BMGT 221. This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorizationse form. — 3 credits
0101 TuTh.....9:30am-10:45am (F 1106) Loeb, M
0201 TuTh.....11:00am-12:15pm (Q 0111) Loeb, M
0301 TuTh.....11:00am-12:15pm (Q 1140) Bedingfield, J
0401 TuTh.....12:30pm- 1:45pm (G 1105) Bedingfield, J
0501 MW.....3:30pm- 4:45pm (Q 1140) Schick, A
0601 MW.....5:00pm- 6:15pm (Q 1140) Schick, A

BMGT323 Income Tax Accounting; Grade Method: REG; Prerequisite: BMGT 221. This course is restricted to BMGT majors with 53 semester hours. All others must have authorization form. — 3 credits
0101 MW.....2:00pm- 3:15pm (Q 2108) Edelson, C
0201 MW.....3:30pm- 4:45pm (Q 2108) Edelson, C
0301 M.....7:00pm- 9:40pm (Q 1140) Rubenfield, A
0401 W.....7:00pm- 9:40pm (Q 1128) Rubenfield, A

BMGT326 Accounting Systems; Grade Method: REG; Prerequisite: BMGT 221, 301 and 321. This course is restricted to accounting majors with 74 semester hours completed. All others must have authorization form. — 3 credits
0101 MWF.....10:00am-10:50am (Q 0111) Zieha, E
0201 MWF.....11:00am-11:50am (Q 0111) Zieha, E

BMGT332 Operations Research For Management Decisions; Grade Method: REG; Not for Management Science-Statistics majors. Prerequisites: MATH 220, BMGT 230. This course is restricted to BMGT majors with 54 semester hours completed. All others must have authorization form. — 3 credits
0101 MWF.....8:00am- 8:50am (Q 2108) Fromovitz, S
0201 MWF.....9:00am- 9:50am (Q 0111) Fromovitz, S
0301 MWF.....12:00pm-12:50pm (Q 0111) Fromovitz, S
0401 MWF.....1:00pm- 1:50pm (Q 2108) Fromovitz, S
0601 TuTh.....2:00pm- 3:15pm (R 1101) Dahl, R

BMGT340 Business Finance; Grade Method: REG; Prerequisite: BMGT 221 and 230. This course is restricted to BMGT majors with 53 semester hours. All others must have authorization forms. — 3 credits
0101 MW.....1:00pm- 1:50pm (Q 0130) Odle, C
F.....10:00am-11:00am (RR 0106) DIS
0102 MW.....1:00pm- 1:50pm (Q 0130) Odle, C
F.....1:00pm- 1:50pm (Q 0130) DIS
0103 MW.....1:00pm- 1:50pm (Q 0130) Odle, C
F.....8:00am- 8:50am (SSB 2205) DIS
0104 MW.....1:00pm- 1:50pm (Q 0130) Odle, C
F.....9:00am- 9:50am (RR 0106) DIS

BMGT343 Investments; Grade Method: REG; Prerequisite: BMGT 340. This course is restricted to BMGT majors with 68 semenster hours. All others must have authorization form. — 3 credits
0101 MW.....2:00pm- 3:15pm (Q 2102) Haslem, J
0201 MW.....3:30pm- 4:45pm (Q 2111) Haslem, J
0301 TuTh.....12:30pm- 1:45pm (Q 0111) Chen, S
0401 MW.....3:30pm- 4:45pm (G 1116) Bhaumik, A

BMGT350 Marketing Principles and Organization; Grade Method: REG; Prerequisite: ECON 203 or 205. This course is restricted to BMGT majors and students with major codes 0803C, 08380, 1303A, 1303B, 1303C, 1304A, 0602A, 0602F with 53 semester hours — 3 credits

completed. All others must have authorization form.
0101 TuTh.....8:00am- 9:15am (Q 0130) Nickels, W

BMGT353 Retail Management; Grade Method: REG; 3 credits
Prerequisite: BMGT 220 and 350. This course is restricted to BMGT majors and major code 0803C with 68 semester hours completed. All others must have authorization form.
0101 TuTh.....9:30am-10:45am (Q 1140) Swope, D
0201 TuTh.....12:30pm- 1:45pm (Q 2108) Greer, T

BMGT354 Promotion Management; Grade Method: REG, 3 credits
Prerequisite: BMGT 350. This course is restricted to BMGT majors and students with major codes 0803C, 0602A, 0602F with 60 semester hours. All others must have authorization form.
0101 MWF.....11:00am-11:50am (Q 2109) Chattalas, M
0201 MWF.....12:00pm-12:50pm (Q 2109) Chattalas, M
0301 TuTh.....9:30am-10:45am (H 3418) STAFF
0401 TuTh.....11:00am-12:15pm (H 1304) STAFF
0501 TuTh.....12:30pm- 1:45pm (R 1114) Swope, D

BMGT360 Personnel Management; Grade Method: REG; 3 credits
This course is open to all students with 53 semester hours completed.
0101 MW.....2:00pm- 3:15pm (Q 0130) Olian, J

BMGT362 Labor Relations; Grade Method: REG; This 3 credits
course is restricted to BMGT majors and students with major codes 0839A and 1307A with 60 semester hours completed. All others must have authorization form.
0101 MWF.....8:00am- 8:50am (Q 1140) Kovach, K
0201 MWF..... 9:00am- 9:50am (Q 1140) Kovach, K

BMGT364 Management and Organization Theory; Grade 3 credits
Method: REG; This course is restricted to BMGT majors and students with major codes 1303A, 1303B, and 1303C with 53 semester hours completed. All others must have authorization form.
0101 TuTh.....11:00am-12:15pm (Q 0130) Carroll Jr., S

BMGT370 Principles of Transportation; Grade 3 credits
Method: REG; Prerequisite: ECON 203 or 205. This course is open to all students with 53 semester hours completed.
0101 MWF.....1:00pm- 1:50pm (Q 2106) Smith, R
0201 MWF.....12:00pm-12:50pm (Q 1140) Smith, R
0301 MWF.....10:00am-10:50am (Q 1140) Smith, R
0401 TuTh.....3:30pm- 4:45pm (Q 1140) Murphy, P

BMGT372 Traffic and Physical Distribution 3 credits
Management; Grade Method: REG; Not open for credit to students who have credit for BMGT 371. Open to BMGT majors only with 53 semester hours completed.
0101 TuTh.....11:00am-12:15pm (Q 2109) Murphy, P
0201 TuTh.....12:30pm- 1:45pm (Q 2109) Poist, R

BMGT380 Business Law I; Grade Method: REG; This 3 credits
course is restricted to BMGT majors and major code 0803C with 53 semester hours completed. All others must have authorization form.
0101 TuTh.....9:30am-10:45am (Q 0117) Dawson, T
0201 TuTh.....12:30pm- 1:45pm (Q 0117) Dawson, T
0301 MW.....2:00pm- 3:15pm (Q 0117) Harman, J
0401 MW.....3:30pm- 4:45pm (Q 0117) Harman, J

BMGT381 Business Law II; Grade Method: REG; 3 credits
Prerequisite: BMGT 380. This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization form.
0101 TuTh.....2:00pm- 3:15pm (Q 0117) Dawson, T

BMGT385 Production Management; Grade Method: REG; 3 credits
This course is restricted to BMGT majors and major code 0839A with 53 semester hours completed. All others must have authorizaton form.
0101 MW.....2:00pm- 3:15pm (Q 2100) Assad, A
0201 MW.....3:30pm- 4:45pm (Q 2100) Assad, A

BMGT386 Field Work; Grade Method: REG; Individual 1-3 credits
(PermReq) Instruction course: contact department or instructor to obtain section number.

BMGT387 Field Work Analysis; Grade Method: REG: 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

BMGT398 Individual Study in Business and 1-3 credits
(PermReq) Management; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

BMGT402 Database and Data Communication Systems; 3 credits
Grade Method: REG; This course is restricted to BMGT majors with 75 semester hours. All others must have authorization form.
0101 TuTh.....5:30pm- 6:45pm (Q 0111) Ring, S
0201 TuTh.....12:30pm- 1:45pm (SSB 1222) Ring, S

BMGT403 Systems Analysis; Grade Method: REG; 3 credits
Restricted to BMGT majors with 85 semester hours completed.
0101 W.....6:00pm- 8:40pm (Q 2106) Chu, Y

BMGT404 Seminar in Decision Support Systems; Grade 3 credits
Method: REG; This course open to BMGT majors with 85 semester hours completed.
0101 TuTh.....8:00am- 9:15am (Q 2109) Chaires Jr., J

BMGT417 Advanced Tax Accounting; Grade Method: 3 credits
REG; Prerequisite: BMGT 311 and 323. This course is restricted to accounting majors with 87 semester hours completed. All others must have authorization form.
0101 TuTh.....2:00pm- 3:15pm (Q 0111) Pantalone Jr.,
0201 M.....7:00pm- 9:40pm (Q 2106) Pantalone Jr.,

BMGT422 Auditing Theory and Practice; Grade 3 credits
Method: REG; Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization form. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0101 TuTh.....9:30am-10:45am (AR 0112) STAFF
0201 M.....7:00pm- 9:40pm (ARC 1103) Voss, J
0301 TuTh.....12:30pm- 1:45pm (LL 2206) Pfeiffer, G
0401 TuTh.....2:00pm- 3:15pm (F 1102) Pfeiffer, G

BMGT424 Advanced Accounting; Grade Method: REG; 3 credits
Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization form. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0101 MWF.....8:00am- 8:50am (SSB 1222) Manchester, J
0201 MWF.....9:00am- 9:50am (SSB 1222) Manchester, J

BMGT427 Advanced Auditing Theory and Practice; 3 credits
Grade Method: REG; Prerequisite: BMGT422. This is a restricted course for accounting majors. All others must have authorization form.
0101 Sa.....9:00am-11:50am (Q 0102) Fischetti, M

BMGT430 Linear Statistical Models in Business; 3 credits
Grade Method: REG; Prerequisite: BMGT 230. This course is restricted to BMGT majors with 87 semester hours completed. All others must have authorization form.
0101 TuTh.....2:00pm- 3:15pm (Q 1140) Kotz, S

BMGT431 Design of Statistical Experiments in 3 credits
Business; Grade Method: REG; Prerequisite: BMGT 230 or 231. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form.
0101 TuTh.....5:30pm- 6:45pm (Q 1140) Wun, L

BMGT434 Introduction to Optimization Theory; Grade 3 credits
Method: REG; Prerequisites: BMGT 230, MATH 220. This course is restricted to BMGT majors with 72 semester hours. All others must have authorization form.
0101 MW.....2:00pm- 3:15pm (Q 2109) Bodin, L

BMGT435 Introduction to Applied Probability 3 credits
Models; Grade Method: REG; Prerequisite: MATH 220 and BMGT 231 or by permission of instructor. This course is restricted to BMGT majors with 72 semester hours. All others must have authorization form.
0101 MW.....3:30pm- 4:45pm (Q 2109) Bodin, L

BMGT440 Financial Management; Grade Method: REG; 3 credits
Prerequisite: BMGT 340. This course is restricted to BMGT majors with 85 semester hours. All others must have authorization form.
0101 MW.....2:00pm- 3:15pm (Q 0111) Soubra, B
0201 MW.....3:30pm- 4:45pm (Q 0111) Soubra, B
0301 Tu.....7:00pm- 9:40pm (Q 0111) Embersit, J

BMGT443 Security Analysis and Valuation; Grade 3 credits
Method: REG; Prerequisite: BMGT 343. This course is restricted to BMGT majors with 85 semester hours completed. All others must have authorization form.
0101 TuTh.....3:30pm- 4:45pm (Q 0111) Christofi, A
0201 TuTh.....3:30pm- 4:45pm (Q 1132) Hamid, S

BMGT444 Futures Contracts and Options; Grade 3 credits
Method: REG; Prerequisite BMGT 343. This course is restricted to finance majors with 85 semester hours completed. All others must have authorization form.
0101 TuTh.....2:00pm- 3:15pm (F 1106) Chang, E

BMGT445 Commerical Bank Management; Grade Method: 3 credits
REG; Prerequisite: BMGT 340 and ECON 430. This course is restricted to finance majors with 87 hours completed. All others must have authorization form.
0101 TuTh.....9:30am-10:45am (Q 1108) Edmister, R
0201 TuTh.....11:00am-12:15pm (Q 1108) Edmister, R

BMGT450 Marketing Research Methods; Grade Method: 3 credits
REG; Prerequisites: BMGT 350 and BMGT 230. This course restricted to marketing majors with 72 semester hours completed. Recommended that BMGT 430 be taken prior to this course. All others must have authorization form.
0101 MWF.....8:00am- 8:50am (Q 0111) Rao, A
0201 MWF.....9:00am- 9:50am (Q 2108) Rao, A
0301 TuTh.....9:30am-10:45am (SSB 1222) Smith, R
0401 TuTh.....11:00am-12:15pm (F 1102) Smith, R
0501 TuTh.....9:30am-10:45am (OO 1315) STAFF
0601 TuTh.....11:00am-12:15pm (G 1116) STAFF

BMGT451 Consumer Analysis; Grade Method: REG; 3 credits
Prerequisites: BMGT 350. Recommended: PSYC 100 and PSYC 221 be taken prior to this course. This course is restricted to BMGT majors and students with major codes 0602A and 0602F with 72 hours completed. All others must have authorization form.
0101 TuTh.....9:30am-10:45am (AR 1130) Tracy, K
0201 TuTh.....11:00am-12:15pm (AR 0117) Tracy, K
0301 TuTh.....12:30pm- 1:45pm (H 0108) Stephens, D

BMGT453 Industrial Marketing; Grade Method: REG; 3 credits
Prerequisite: BMGT 350. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form.
0101 M.....7:00pm- 9:40pm (Q 2109) Rosecky, R

BMGT455 Sales Management; Grade Method: REG; 3 credits
Prerequisite: BMGT 350. This course is restricted to marketing majors and major code 0803C with 72 semester hours completed. All others must have authorization form.
0101 TuTh.....2:00pm- 3:15pm (Q 2109) Jolson, M
0201 TuTh.....3:30pm- 4:45pm (Q 2109) Jolson, M

BMGT456 Advertising; Grade Method: REG; 3 credits
Prerequisite: BMGT 354. This course is restricted to BMGT majors and students with major codes 1303A, 1303B, 1303C, 0602A, and 0602F with 60 semester hours completed. All others must have authorization form.
0101 MWF.....8:00am- 8:50am (Q 2109) Daston, M
0201 MWF.....9:00am- 9:50am (Q 2109) Daston, M

BMGT457 Marketing Policies and Strategies; Grade 3 credits
Method: REG; Prerequisite: 9 semester hours of marketing. This course is restricted to marketing majors with 102 semester hours completed. All others must have authorization form.
0101 TuTh.....8:00am- 9:15am (Q 0111) STAFF
0201 TuTh.....9:30am-10:45am (Q 0111) STAFF
0301 TuTh.....3:30pm- 4:45pm (Q 0102) Hynes, C

BMGT460 Personnel Management: Analysis and 3 credits
Problems; Grade Method: REG; Prerequisite: BMGT 360. Recommended: BMGT 230. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form.
0101 MW.....4:00pm- 5:15pm (Q 0102) Bartol, K

BMGT462 Labor Legislation; Grade Method: REG; This 3 credits
course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization form.
0101 TuTh.....2:00pm- 3:15pm (Q 1108) Levine, M

BMGT464 Organizational Behavior; Grade Method: 3 credits
REG; Prerequisite: BMGT 364. This course is restricted to BMGT majors with 72 hours completed. All others must have authorization form.
0101 TuTh.....3:30pm- 4:45pm (G 1104) Guthrie, J

BMGT470 Land Transportation Systems; Grade Method: 3 credits
REG/P-F/AUD; Prerequisite: BMGT 370. This course is open to all students with 72 semester hours completed.
0101 TuTh.....11:00am-12:15pm (Q 2140) Taff, C

BMGT473 Advanced Transportation Problems; Grade 3 credits
Method: REG; Prerequisite: BMGT 370. This course is open to all students with 72 semester hours completed.
0101 Th.....3:30pm- 6:10pm (Q 1108) Gardner, L

BMGT481 Public Utilities; Grade Method: REG; 3 credits
Prerequisite: ECON 203 or 205. This is a restricted course. Non-BMGT majors must have authorization form.
0101 MWF.....10:00am-10:50am (Q 2109) Garbuny, S
0201 MWF.....12:00pm-12:50pm (Q 2106) Garbuny, S

BMGT482 Business and Government; Grade Method: 3 credits
REG; Prerequisite: ECON203 or 205. This is a restricted course. Non-BMGT majors must have authorization form.
0101 TuTh.....3:30pm- 4:45pm (Q 0117) McLaughlin, F
0201 TuTh.....5:00pm- 6:15pm (Q 0117) McLaughlin, F

BMGT495 Business Policies; Grade Method: REG; Open 3 credits
only to graduating seniors in Business and Management. Prerequisites: BMGT 340, BMGT 350, BMGT 364. This is a restricted course for BMGT majors with 102 hours completed. All others must have authorization form.
0101 MWF.....9:00am- 9:50am (Q 0102) Sapienza, H
0201 MWF.....10:00am-10:50am (Q 0102) Sapienza, H
0301 MWF.....11:00am-11:50am (Q 0102) Harrison, J
0401 MWF.....12:00pm-12:50pm (Q 0102) Harrison, J
0501 MWF.....1:00pm- 1:50pm (Q 1108) Rubenson, G
0601 TuTh.....8:00am- 9:15am (SSB 1220) Smith, K
0701 TuTh.....9:30am-10:45am (SSB 1220) Smith, K
0801 TuTh.....11:00am-12:15pm (Q 0102) Gannon, M
0901 TuTh.....12:30pm- 1:45pm (Q 1108) Gannon, M

BMGT495A Business Policies; Grade Method: REG; This 3 credits
is a restricted course for BMGT majors with 102 hours completed. All others must have authorization form. BMGT 495A is designed to provide the study of policy decision making in a small business environment. The course involves case studies of actual management problems provided by the Small Business Administration. Members of the class, in teams, investigate and recommend solutions for real world problems to the owner/manager of the firm.
0101 Tu.....3:30pm- 6:10pm (Q 1108) Power, D

BMGT496 Business and Society; Grade Method: REG; 3 credits
This course is open to all students with 72 semester hours completed.
0101 MW.....2:00pm- 3:15pm (Q 2110) Holcomb, J

BMGT498L Special Topics in Business and Management: 3 credits
(PermReq) Accounting, Budgeting and Planning; Grade Method: REG; Obtain permission from the Provost's office of the Division of Arts and Humanities.
0101 TuTh.....11:00am-12:15pm (F 1106) Fettus, S

BMGT498X Special Topics in Business and Management; 3 credits
(PermReq) Grade Method: REG/P-F/AUD; Enrollment by permission of Dean, Arts and Humanities only.
0101 Tu.....3:30pm- 5:30pm (RR 0126) STAFF
Th.....3:30pm- 4:30pm (RR 0126)

BMGT610 Financial Accounting; Grade Method: 3 credits
REG/AUD; Restricted to grad business majors only.
0101 TuTh.....9:30am-10:45am (Q 2102) Friar, S
0201 TuTh.....11:00am-12:15pm (Q 2102) Friar, S
0301 TuTh.....3:30pm- 4:45pm (Q 1118) Sutton, T
0401 M.....7:00pm- 9:40pm (Q 1132) Gandhi, N
0501 W.....7:00pm- 9:40pm (Q 2102) Gandhi, N
0601 Th.....7:00pm- 9:40pm (Q 2102) Palmer, C

BMGT620 Management Information Systems; Grade 3 credits
Method: REG/AUD; Restricted to grad business majors.
0101 TuTh.....12:30pm- 1:45pm (Q 1118) Basu, A
0201 Th.....7:00pm- 9:40pm (Q 0102) STAFF

BMGT630 Managerial Statistics; Grade Method: 3 credits
REG/AUD; Restricted to grad business majors.
0101 MW.....10:30am-11:45am (Q 1118) Trader, R
0201 MW.....12:00pm- 1:15pm (Q 1118) Trader, R
0301 TuTh.....5:00pm- 6:15pm (Q 1118) Steeples, D

BMGT631 Operations Research and Management; Grade 3 credits
Method: REG/AUD; Restricted to grad business majors.
0101 M.....7:00pm- 9:40pm (Q 2108) Shao Jr., S
0201 W.....7:00pm- 9:40pm (Q 0102) Ball, M
0301 Th.....7:00pm- 9:40pm (Q 0111) Rappoport, H

BMGT640 Financial Management; Grade Method: 3 credits
REG/AUD; Restricted to grad business majors.
0101 M.....7:00pm- 9:40pm (Q 0111) Kolodny, R
0201 W.....7:00pm- 9:40pm (Q 1118) Kolodny, R
0301 Th.....7:00pm- 9:40pm (Q 1118) Christofi, A

BMGT650 Marketing Management; Grade Method: 3 credits
REG/AUD; Restricted to grad business majors.
0101 MW.....12:00pm- 1:15pm (Q 2102) Krapfel Jr., R
0201 MW.....3:00pm- 4:15pm (Q 1118) Krapfel Jr., R
0301 TuTh.....2:00pm- 3:15pm (Q 1118) STAFF

BMGT660 Management and Organizational Behavior; 3 credits
Grade Method: REG/AUD; Restricted to grad business majors.
0101 MW.....1:30pm- 2:45pm (Q 1118) Bartol, K
0201 TuTh.....9:30am-10:45am (Q 0102) Taylor, M
0301 TuTh.....12:30pm- 1:45pm (Q 2102) Taylor, M

BMGT661 Human Resources Management; Grade Method: 3 credits
REG/AUD; Restricted to grad business majors.
0101 TuTh.....5:00pm- 6:15pm (Q 2108) Kressler, D

BMGT670 Economic Environment; Grade Method: 3 credits
REG/AUD; Restricted to grad business majors.
0101 MW.....9:00am-10:15am (Q 2102) Barbera, A
0201 MW.....10:30am-11:45am (Q 2102) Barbera, A
0301 TuTh.....2:00pm- 3:15pm (Q 2102) Grimm, C
0401 M.....7:00pm- 9:40pm (Q 1108) Scheraga, C
0501 W.....7:00pm- 9:40pm (Q 0111) Barbera, A
0601 Th.....7:00pm- 9:40pm (Q 2108) Scheraga, C

BMGT672 Physical Distribution Management; Grade 3 credits
Method: REG/AUD; Restricted to grad business majors.
0101 TuTh.....9:30am-10:45am (Q 1118) Poist, R

BMGT680 Business and Public Policy; Grade Method: 3 credits
REG/AUD; Restricted to grad business majors.
0101 TuTh.....9:30am-10:45am (Q 2108) Preston, L
0201 TuTh.....2:00pm- 3:15pm (Q 0102) Preston, L
0301 MW.....10:30am-11:45am (Q 2108) Holcomb, J

BMGT710 Advanced Accounting Theory; Grade Method: 3 credits
REG/AUD;
0101 M.....7:00pm- 9:40pm (Q 1118) Sutton, T

BMGT713 The Impact of Taxation On Business 3 credits
Decisions; Grade Method: REG/AUD; Restricted to grad business majors.
0101 W.....7:00pm- 9:40pm (Q 2109) Pantalone Jr.,

BMGT721 File Processing and Database Systems; 3 credits
Grade Method: REG/AUD; Restricted to grad business majors.
0101 M.....1:00pm- 3:40pm (Q 2140) Hevner, A
0201 Th.....7:00pm- 9:40pm (Q 1108) Basu, A

BMGT724 Economics of Information Systems; Grade 3 credits
Method: REG/AUD; Restricted to grad business majors.
0101 MW.....9:00am-10:15am (Q 1118) Ball, M

BMGT725 Information Systems Analysis and Design; 3 credits
Grade Method: REG/AUD; Restricted to grad business majors.
0101 Tu.....7:00pm- 9:40pm (Q 2102) Hevner, A

BMGT735 Application of Management Science; Grade 3 credits
Method: REG/AUD;
0101 W.....5:00pm- 7:40pm (Q 1108) Golden, B

BMGT741 Advanced Financial Management; Grade 3 credits
Method: REG/AUD; Restricted to grad business majors.
0101 TuTh.....11:00am-12:15pm (Q 1118) Chen, S

BMGT743 Investment Management; Grade Method: 3 credits
REG/AUD; Prerequisite: BMGT 640. Restricted to grad business majors.
0101 Tu.....7:00pm- 9:40pm (Q 1118) Eun, C

BMGT745 Financial Institutions Management; Grade 3 credits
Method: REG/AUD; Restricted to grad business majors.
0101 M.....7:00pm- 9:40pm (Q 0102) Black, H

BMGT746 International Financial Management; Grade 3 credits
Method: REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (Q 2102) Eun, C

BMGT751 Marketing Communications Management; Grade 3 credits
Method: REG/AUD;
0101 Th.....7:00pm- 9:40pm (Q 2110) Hynes, C

BMGT754 Buyer Behavior Analysis; Grade Method: 3 credits
REG/AUD; Restricted to grad Business majors.
0101 M.....7:00pm- 9:40pm (Q 2140) Stephens, D

BMGT761 Problems and Applications in Personnel 3 credits
Administration; Grade Method: REG/AUD;
0101 MW.....12:00pm- 1:15pm (Q 2100) STAFF

BMGT763 Administration of Labor Relations; Grade 3 credits
Method: REG/AUD; Restricted to grad business majors.
0101 Tu.....6:00pm- 8:40pm (Q 1136) Levine, M

BMGT766 Management Planning and Control Systems; 3 credits
Grade Method: REG/AUD;
0101 Th.....7:00pm- 9:40pm (Q 2100) Power, D

BMGT770 Transportation Theory and Analysis; Grade 3 credits
Method: REG/AUD; Restricted to grad business majors.
0101 Tu.....7:00pm- 9:40pm (Q 2140) Grimm, C

BMGT773 Transportation Strategies; Grade Method: 3 credits
REG/AUD; Restricted to grad business majors only.
0101 Th.....7:00pm- 9:40pm (Q 2140) Corsi, T

BMGT791 MBA Field Project; Grade Method: REG/AUD; 3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number. Students may register only with written permission of course coordinator.

BMGT798A Special Topics in Business and Management: 3 credits
Multivariate Analysis (Part 1); Grade Method: REG/AUD;
0101 Tu.....7:00pm- 9:40pm (Q 2108) Alt, F

BMGT798B Special Topics in Business and Management: 3 credits
Knowledge Base Systems; Grade Method: REG/AUD; Restricted to grad business majors.
0101 TuTh.....3:30pm- 4:45pm (Q 2106) Ahad, R

BMGT798C Special Topics in Business and Management: 3 credits
Readings in Management Science; Grade Method: REG/AUD;
0101 W.....7:00pm- 9:40pm (Q 2100) Fromovitz, S

BMGT798D Special Topics in Business and Management; Tele-Communications; Grade Method: REG/AUD; Restricted to grad business majors. — 3 credits
0101 W.....7:00pm- 9:40pm (Q 2108) Pearce, H

BMGT798E Special Topics in Business and Management: Implementing Strategy; Grade Method: REG/AUD; Restricted to grad Business majors. — 3 credits
0101 M.....7:00pm- 9:40pm (Q 2102) Gupta, A

BMGT798F Special Topics in Business and Management: Government and NonProfit Accounting; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:40pm (Q 1108) Wardlow, P

BMGT799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

BMGT814 Current Problems of Professional Practice; Grade Method: REG/AUD; — 3 credits
0101 W.....3:30pm- 6:10pm (Q 1136) Loeb, S

BMGT823 Data Base Design; Grade Method: REG/AUD; Restricted to grad business majors. — 3 credits
0101 M.....6:30pm- 9:10pm (Q 2100) Yao, S

BMGT828 Independent Study in Business and Management; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. MBA students may register only with written permission of Mary Anne Waikart, Masters Program Director. Ph.D. students may register only with written permission of Dr. Preston, Director of Graduate Studies. — 1-9 credits

BMGT830 Operations Research: Linear Programming; Grade Method: REG/AUD; Prerequisite: MATH 240 or consent of instructor. — 3 credits
0101 M.....4:00pm- 6:30pm (Q 2102) Gass, S

BMGT840 Seminar in Financial Theory; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:40pm (Q 1136) Chang, E

BMGT863 Seminar: the Organization and the Individual; Grade Method: REG/AUD; — 3 credits
0101 Tu.....1:00pm- 3:30pm (Q 2100) Locke, E

BMGT899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

BOTN Botany (Life Sciences)

BOTN100 General Botany For Non-Science Students; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits

1001	TuTh	11:00am-11:50am	(E 0226)		Berg, L
	MF	8:00am-10:00am	(E 2103)	LAB	
1002	TuTh	11:00am-11:50am	(E 0226)		Berg, L
	MF	10:00am-12:00pm	(E 2103)	LAB	
1003	TuTh	11:00am-11:50am	(E 0226)		Berg, L
	MF	12:00pm- 2:00pm	(E 2103)	LAB	
1004	TuTh	11:00am-11:50am	(E 0226)		Berg, L
	MW	2:00pm- 4:00pm	(E 2103)	LAB	
1005	TuTh	11:00am-11:50am	(E 0226)		Berg, L
	MW	4:00pm- 6:00pm	(E 2103)	LAB	
1006	TuTh	11:00am-11:50am	(E 0226)		Berg, L
	TuTh	8:00am-10:00am	(E 2103)	LAB	
1007	TuTh	11:00am-11:50am	(E 0226)		Berg, L
	TuTh	12:00pm- 2:00pm	(E 2103)	LAB	
1008	TuTh	11:00am-11:50am	(E 0226)		Berg, L
	MW	2:00pm- 4:00pm	(E 1125)	LAB	
1009	TuTh	11:00am-11:50am	(E 0226)		Berg, L
	TuTh	4:00pm- 6:00pm	(E 2103)	LAB	
1010	TuTh	11:00am-11:50am	(E 0226)		Berg, L
	MW	4:00pm- 6:00pm	(E 3104)	LAB	
2001	TuTh	10:00am-10:50am	(E 0226)		Van Valkenburg,
	MF	8:00am-10:00am	(E 3127)	LAB	
2002	TuTh	10:00am-10:50am	(E 0226)		Van Valkenburg,
	MF	10:00am-12:00pm	(E 3127)	LAB	
2003	TuTh	10:00am-10:50am	(E 0226)		Van Valkenburg,
	MF	12:00pm- 2:00pm	(E 3127)	LAB	
2004	TuTh	10:00am-10:50am	(E 0226)		Van Valkenburg,
	MW	2:00pm- 4:00pm	(E 3127)	LAB	
2005	TuTh	10:00am-10:50am	(E 0226)		Van Valkenburg,
	MW	4:00pm- 6:00pm	(E 3127)	LAB	
2006	TuTh	10:00am-10:50am	(E 0226)		Van Valkenburg,
	TuTh	8:00am-10:00am	(E 3127)	LAB	
2007	TuTh	10:00am-10:50am	(E 0226)		Van Valkenburg,
	TuTh	12:00pm- 2:00pm	(E 3127)	LAB	
2008	TuTh	10:00am-10:50am	(E 0226)		Van Valkenburg,
	TuTh	2:00pm- 4:00pm	(E 2103)	LAB	
2009	TuTh	10:00am-10:50am	(E 0226)		Van Valkenburg,
	TuTh	4:00pm- 6:00pm	(E 3127)	LAB	
3001	MW	9:00am- 9:50am	(E 0226)		Higgins, E
	MF	10:00am-12:00pm	(E 3104)	LAB	
3002	MW	9:00am- 9:50am	(E 0226)		Higgins, E
	MF	12:00pm- 2:00pm	(E 1125)	LAB	
3003	MW	9:00am- 9:50am	(E 0226)		Higgins, E
	MW	2:00pm- 4:00pm	(E 3104)	LAB	
3004	MW	9:00am- 9:50am	(E 0226)		Higgins, E
	MF	12:00pm- 2:00pm	(E 3104)	LAB	
3005	MW	9:00am- 9:50am	(E 0226)		Higgins, E
	TuTh	10:00am-12:00pm	(E 3104)	LAB	
3006	MW	9:00am- 9:50am	(E 0226)		Higgins, E
	TuTh	10:00am-12:00pm	(E 2103)	LAB	
3007	MW	9:00am- 9:50am	(E 0226)		Higgins, E
	TuTh	12:00pm- 2:00pm	(E 3104)	LAB	
3008	MW	9:00am- 9:50am	(E 0226)		Higgins, E
	TuTh	2:00pm- 4:00pm	(E 3104)	LAB	
3009	MW	9:00am- 9:50am	(E 0226)		Higgins, E
	TuTh	4:00pm- 6:00pm	(E 3104)	LAB	
3010	MW	9:00am- 9:50am	(E 0226)		Higgins, E
	TuTh	8:00am-10:00am	(E 3104)	LAB	
4001	MW	12:00pm-12:50pm	(E 0226)		Koines, P
	MF	8:00am-10:00am	(E 1125)	LAB	
4002	MW	12:00pm-12:50pm	(E 0226)		Koines, P
	MF	10:00am-12:00pm	(E 1125)	LAB	
4003	MW	12:00pm-12:50pm	(E 0226)		Koines, P
	MF	8:00am-10:00am	(E 3104)	LAB	
4004	MW	12:00pm-12:50pm	(E 0226)		Koines, P
	MW	4:00pm- 6:00pm	(E 1125)	LAB	
4005	MW	12:00pm-12:50pm	(E 0226)		Koines, P
	TuTh	8:00am-10:00am	(E 1125)	LAB	
4006	MW	12:00pm-12:50pm	(E 0226)		Koines, P
	TuTh	10:00am-12:00pm	(E 1125)	LAB	
4007	MW	12:00pm-12:50pm	(E 0226)		Koines, P
	TuTh	12:00pm- 2:00pm	(E 1125)	LAB	
4008	MW	12:00pm-12:50pm	(E 0226)		Koines, P
	TuTh	2:00pm- 4:00pm	(E 1125)	LAB	
4009	MW	12:00pm-12:50pm	(E 0226)		Koines, P
	TuTh	10:00am-12:00pm	(E 3127)	LAB	
4010	MW	12:00pm-12:50pm	(E 0226)		Koines, P
	TuTh	4:00pm- 6:00pm	(E 1125)	LAB	
4011	MW	12:00pm-12:50pm	(E 0226)		Koines, P
	TuTh	2:00pm- 4:00pm	(E 3127)	LAB	

BOTN101 General Botany; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits

8001	MWF	10:00am-10:50am	(E 0226)		Berg, L
	M	12:00pm- 3:00pm	(E 1105)	LAB	
8002	MWF	10:00am-10:50am	(E 0226)		Berg, L
	M	3:00pm- 6:00pm	(E 1105)	LAB	
8003	MWF	10:00am-10:50am	(E 0226)		Berg, L
	Tu	9:00am-12:00pm	(E 1105)	LAB	
8004	MWF	10:00am-10:50am	(E 0226)		Berg, L
	Tu	12:00pm- 3:00pm	(E 1105)	LAB	
8005	MWF	10:00am-10:50am	(E 0226)		Berg, L
	W	11:00am- 2:00pm	(E 1105)	LAB	
8006	MWF	10:00am-10:50am	(E 0226)		Berg, L
	W	2:00pm- 5:00pm	(E 1105)	LAB	
8007	MWF	10:00am-10:50am	(E 0226)		Berg, L
	Th	9:00am-12:00pm	(E 1105)	LAB	
8008	MWF	10:00am-10:50am	(E 0226)		Berg, L
	Th	12:00pm- 3:00pm	(E 1105)	LAB	

BOTN211 Ecology and Mankind; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits
0101 MW.....3:00pm- 4:15pm (E 2242) Teramura, A

BOTN221 Introductory Plant Pathology; Grade Method: REG/P-F/AUD; — 4 credits

0101	TuTh	9:00am- 9:50am	(E 0226)		Collmer, A
	TuTh	10:00am-12:00pm	(E 2230)	LAB	
0102	TuTh	9:00am- 9:50am	(E 0226)		Collmer, A
	TuTh	12:00pm- 2:00pm	(E 2230)	LAB	
0103	TuTh	9:00am- 9:50am	(E 0226)		Collmer, A
	TuTh	2:00pm- 4:00pm	(E 2230)	LAB	

BOTN379 (PermReq) Honors Research Problems in Botany; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN398 Seminar; Grade Method: REG/P-F/AUD; — 1 credit
0101 W.....11:00am-11:50am (E 1229) Berg, L

BOTN399 (PermReq) Research Problems in Botany; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN407 Teaching Methods in Botany; Grade Method: REG/P-F/AUD; — 2 credits
0101 M.....4:00pm- 6:00pm (E 1229) Lockard, J

BOTN413 Plant Geography; Grade Method: REG; — 2 credits
0101 TuTh.....1:00pm- 1:50pm (E 1229) Reveal, J

BOTN416 Plant Structure; Grade Method: REG/P-F/AUD; — 4 credits
0101 TuTh.....10:00am-10:50am (E 1229) Cooke, T
WF.....12:00pm- 2:00pm (E 2226) LAB

BOTN420 Plant Cell Biology; Grade Method: REG; — 3 credits
0101 TuTh.....11:00am-12:15pm (E 1229) Wolniak, S

BOTN423 Diseases of Agronomic Crops and Turf, Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....10:00am-10:50am (E 2226) Bean, G

BOTN441 Plant Physiology; Grade Method: REG/P-F/AUD; — 4 credits

0101	TuTh	10:00am-10:50am	(E 2242)		Racusen, R
	M	9:00am- 1:00pm	(E 2226)	LAB	
0102	TuTh	10:00am-10:50am	(E 2242)		Racusen, R
	M	1:00pm- 5:00pm	(E 2226)	LAB	
0103	TuTh	10:00am-10:50am	(E 2242)		Racusen, R
	M	6:00pm-10:00pm	(E 2226)	LAB	
0104	TuTh	10:00am-10:50am	(E 2242)		Racusen, R
	Tu	1:00pm- 5:00pm	(E 2226)	LAB	
0105	TuTh	10:00am-10:50am	(E 2242)		Racusen, R
	Tu	6:00pm-10:00pm	(E 2226)	LAB	

BOTN484 Plant Biochemistry; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (E 1229) Sze, H

BOTN621 Physiology of Fungi; Grade Method: REG/AUD; — 2 credits
0101 MW.....11:00am-11:50am (E 2230) Sisler, H

BOTN640 Molecular Mechanisms of Plant Pathogenesis; Grade Method: REG/AUD; — 2 credits
0101 WF.....9:00am- 9:50am (E 1229) Collmer, A

BOTN686 Molecular Genetics of Plants; Grade Method: REG/AUD; Professors - Barnett and Bottino. — 2 credits
0101 MW.....10:00am-10:50am (E 1229) Barnett, N

BOTN698B Seminar in Botany: Pathology; Grade Method: REG/AUD; — 1 credit
0101 W.....4:00pm- 4:50pm (E 1229) Bean, G

BOTN698C Seminar in Botany: Physiology; Grade Method: REG/AUD; — 1 credit
0101 F.....4:00pm- 4:50pm (E 1229) Racusen, R

BOTN698D Seminar in Botany: Ecology; Grade Method: REG/AUD; — 1 credit
0101 Th.....4:00pm- 4:50pm (E 1229) Forseth Jr., I

BOTN698E Seminar in Botany: Mycology; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Motta, J

BOTN698F Seminar in Botany: Morphology and Plant Systematics; Grade Method: REG/AUD; — 1 credit
0101 Tu.....4:00pm- 4:50pm (E 1229) Reveal, J

BOTN698J Seminar in Botany: Genetics; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Bottino, P

BOTN699A (PermReq) Special Problems in Botany: Cell Biology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699B (PermReq) Special Problems in Botany: Pathology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699C (PermReq) Special Problems in Botany: Physiology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699D (PermReq) Special Problems in Botany: Ecology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699E (PermReq) Special Problems in Botany: Mycology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699F (PermReq) Special Problems in Botany: Morphology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699G (PermReq) Special Problems in Botany: Phycology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699I (PermReq) Special Problems in Botany: Virology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699J Special Problems in Botany: Plant Cytogenetics; Grade Method: REG/AUD; — 2 credits
0401 Th.....4:00pm- 6:00pm (E 2242) Bottino, P

BOTN699N (PermReq) Special Problems in Botany: Plant Systematics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN721 (PermReq) Clinical and Field Plant Pathology; Grade Method: REG/AUD; — 1-2 credits
0101 Time and room to be arranged Hutcheson, S

BOTN799A (PermReq) Master's Thesis Research: Anatomy and Morphology of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

BOTN799B (PermReq) Master's Thesis Research: Ecology of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

BOTN799C (PermReq) Master's Thesis Research: Genetics of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

BOTN799D (PermReq) Master's Thesis Research: Pathology of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Professors - Bean, Collmer, Corbett, Grybauskas, Hutcheson, Kantzes, Krusbe Sisler, Steiner. — 1-6 credits

BOTN799E (PermReq) Master's Thesis Research: Physiology of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Professors - Barnett, Cooke, Karlander, Patterson, Racusen, and Sze. — 1-6 credits

BOTN799F (PermReq) Master's Thesis Research: Systematics of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. (Professors - Motta, Reveal, Van Valkenburg.) — 1-6 credits

BOTN799I (PermReq) Master's Thesis Research: Cell Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

BOTN899A (PermReq) Doctoral Dissertation Research: Anatomy and Morphology of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

BOTN899B (PermReq) Doctoral Dissertation Research: Ecology of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

BOTN899C (PermReq) Doctoral Dissertation Research: Genetics of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

BOTN899D (PermReq) Doctoral Dissertation Research: Pathology of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Professors - Bean, Collmer, Corbett, Grybauskas, Hutcheson, Kantzes, KrusberSisler and Steiner. — 1-8 credits

BOTN899E (PermReq) Doctoral Dissertation Research: Physiology of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Professors - Barnett, Cooke, Karlander, Patterson, Racusen, and Sze. — 1-8 credits

BOTN899F (PermReq) Doctoral Dissertation Research: Systematics of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Professors - Motta, Reveal, Van Valkenburg. — 1-8 credits

BOTN899I (PermReq) Doctoral Dissertation Research: Cell Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

CHEM Chemistry (Life Sciences)

CHEM001 Introduction to College Chemistry; Grade Method: REG/P-F/AUD; The notation 2 credits is used only for billing and full-time or part-time status. This course does not carry any credit toward any degree at the University. A special fee is required. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. — 2 credits

1105	MW	4:00pm- 4:50pm	(C 1407)		STAFF
	Th	1:00pm- 1:50pm	(AR 0105)	DIS	
1107	MW	4:00pm- 4:50pm	(C 1407)		STAFF
	Th	2:00pm- 2:50pm	(AR 0105)	DIS	
1109	MW	4:00pm- 4:50pm	(C 1407)		STAFF
	Th	3:00pm- 3:50pm	(AR 0105)	DIS	

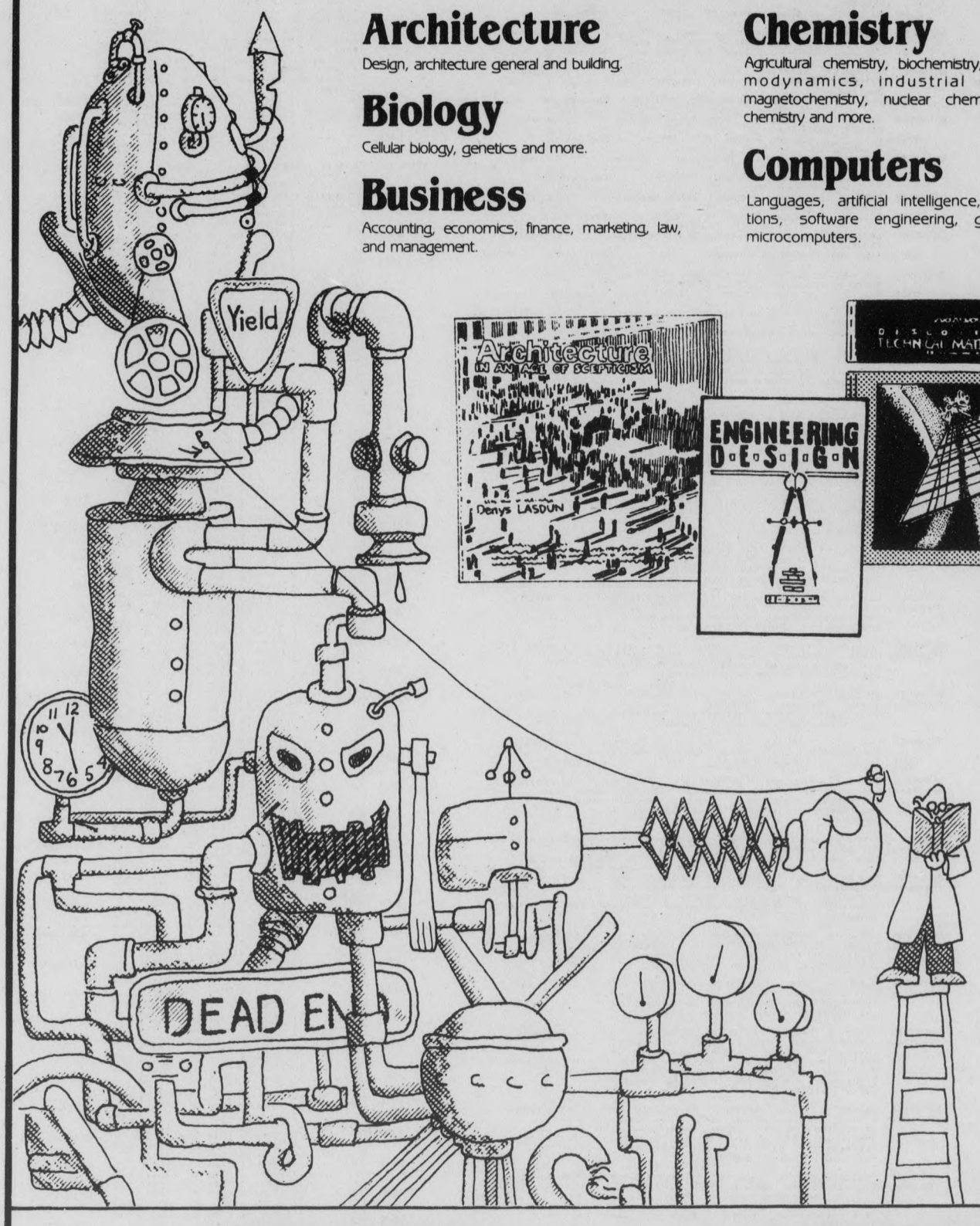
CHEM103 General Chemistry I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits

3114	MWF	8:00am- 8:50am	(C 1407)		Moore, J
	M	12:00pm- 3:00pm	(C 1105)	LAB	
	Tu	8:00am- 8:50am	(U 2118)	DIS	
3115	MWF	8:00am- 8:50am	(C 1407)		Moore, J
	M	12:00pm- 3:00pm	(C 1106)	LAB	
	Tu	8:00am- 8:50am	(C 0128)	DIS	
3124	MWF	8:00am- 8:50am	(C 1407)		Moore, J
	Tu	12:00pm- 3:00pm	(C 1105)	LAB	
	Tu	8:00am- 8:50am	(U 2145)	DIS	
3125	MWF	8:00am- 8:50am	(C 1407)		Moore, J
	Tu	12:00pm- 3:00pm	(C 1112)	LAB	
	Tu	8:00am- 8:50am	(J 3111)	DIS	
3127	MWF	8:00am- 8:50am	(C 1407)		Moore, J
	Tu	3:00pm- 6:00pm	(C 1105)	LAB	
	Tu	8:00am- 8:50am	(U 2120)	DIS	
3128	MWF	8:00am- 8:50am	(C 1407)		Moore, J
	Tu	3:00pm- 6:00pm	(C 1106)	LAB	
	Tu	8:00am- 8:50am	(J 3102)	DIS	
3134	MWF	8:00am- 8:50am	(C 1407)		Moore, J
	W	12:00pm- 3:00pm	(C 1105)	LAB	
	Tu	9:00am- 9:50am	(U 2118)	DIS	
3135	MWF	8:00am- 8:50am	(C 1407)		Moore, J
	W	12:00pm- 3:00pm	(C 1106)	LAB	
	Tu	9:00am- 9:50am	(C 0128)	DIS	
3144	MWF	8:00am- 8:50am	(C 1407)		Moore, J
	Th	12:00pm- 3:00pm	(C 1105)	LAB	
	Tu	9:00am- 9:50am	(U 2145)	DIS	
3145	MWF	8:00am- 8:50am	(C 1407)		Moore, J
	Th	12:00pm- 3:00pm	(C 1112)	LAB	
	Tu	9:00am- 9:50am	(J 3111)	DIS	
3147	MWF	8:00am- 8:50am	(C 1407)		Moore, J
	Th	3:00pm- 6:00pm	(C 1105)	LAB	
	Tu	9:00am- 9:50am	(U 2120)	DIS	
3148	MWF	8:00am- 8:50am	(C 1407)		Moore, J
	Th	3:00pm- 6:00pm	(C 1106)	LAB	
	Tu	9:00am- 9:50am	(J 3102)	DIS	
3154	MWF	8:00am- 8:50am	(C 1407)		Moore, J
	F	12:00pm- 3:00pm	(C 1105)	LAB	
	Tu	8:00am- 8:50am	(ZP 1228)	DIS	
3157	MWF	8:00am- 8:50am	(C 1407)		Moore, J
	F	3:00pm- 6:00pm	(C 1105)	LAB	
	Tu	9:00am- 9:50am	(ZP 1228)	DIS	
3214	MWF	10:00am-10:50am	(C 1407)		Heikkinen, H
	M	12:00pm- 3:00pm	(C 1109)	LAB	
	Th	8:00am- 8:50am	(C 0124)	DIS	
3215	MWF	10:00am-10:50am	(C 1407)		Heikkinen, H
	M	12:00pm- 3:00pm	(C 1110)	LAB	
	Th	8:00am- 8:50am	(C 0128)	DIS	
3216	MWF	10:00am-10:50am	(C 1407)		Heikkinen, H
	M	12:00pm- 3:00pm	(C 1112)	LAB	
	Th	8:00am- 8:50am	(J 3111)	DIS	
3217	MWF	10:00am-10:50am	(C 1407)		Heikkinen, H
	M	3:00pm- 6:00pm	(C 1105)	LAB	
	Th	8:00am- 8:50am	(U 2145)	DIS	
3224	MWF	10:00am-10:50am	(C 1407)		Heikkinen, H
	Tu	12:00pm- 3:00pm	(C 1106)	LAB	
	Th	8:00am- 8:50am	(U 2120)	DIS	
3227	MWF	10:00am-10:50am	(C 1407)		Heikkinen, H
	Tu	3:00pm- 6:00pm	(C 1109)	LAB	
	Th	8:00am- 8:50am	(J 3102)	DIS	
3234	MWF	10:00am-10:50am	(C 1407)		Heikkinen, H
	W	12:00pm- 3:00pm	(C 1109)	LAB	
	Th	9:00am- 9:50am	(U 2140)	DIS	
3235	MWF	10:00am-10:50am	(C 1407)		Heikkinen, H
	W	12:00pm- 3:00pm	(C 1110)	LAB	
	Th	9:00am- 9:50am	(C 0128)	DIS	
3236	MWF	10:00am-10:50am	(C 1407)		Heikkinen, H
	W	12:00pm- 3:00pm	(C 1112)	LAB	
	Th	9:00am- 9:50am	(J 3111)	DIS	
3237	MWF	10:00am-10:50am	(C 1407)		Heikkinen, H
	W	3:00pm- 6:00pm	(C 1105)	LAB	
	Th	9:00am- 9:50am	(U 2145)	DIS	
3244	MWF	10:00am-10:50am	(C 1407)		Heikkinen, H
	Th	12:00pm- 3:00pm	(C 1106)	LAB	
	Th	9:00am- 9:50am	(U 2120)	DIS	
3247	MWF	10:00am-10:50am	(C 1407)		Heikkinen, H
	Th	3:00pm- 6:00pm	(C 1109)	LAB	
	Th	9:00am- 9:50am	(J 3102)	DIS	
3254	MWF	10:00am-10:50am	(C 1407)		Heikkinen, H
	F	12:00pm- 3:00pm	(C 1110)	LAB	
	F	8:00am- 8:50am	(U 2140)	DIS	
3257	MWF	10:00am-10:50am	(C 1407)		Heikkinen, H
	F	3:00pm- 6:00pm	(C 1106)	LAB	
	Th	9:00am- 9:50am	(Z 1402)	DIS	
3314	MWF	11:00am-11:50am	(C 1407)		Bellama, J
	M	12:00pm- 3:00pm	(C 1111)	LAB	
	Tu	10:00am-10:50am	(U 2140)	DIS	
3324	MWF	11:00am-11:50am	(C 1407)		Bellama, J
	Tu	12:00pm- 3:00pm	(C 1109)	LAB	
	Tu	10:00am-10:50am	(U 2120)	DIS	
3327	MWF	11:00am-11:50am	(C 1407)		Bellama, J
	Tu	3:00pm- 6:00pm	(C 1110)	LAB	
	Tu	10:00am-10:50am	(J 3102)	DIS	
3328	MWF	11:00am-11:50am	(C 1407)		Bellama, J
	Tu	3:00pm- 6:00pm	(C 1111)	LAB	
	Tu	10:00am-10:50am	(U 2118)	DIS	
3329	MWF	11:00am-11:50am	(C 1407)		Bellama, J
	Tu	3:00pm- 6:00pm	(C 1112)	LAB	
	Tu	10:00am-10:50am	(J 3111)	DIS	
3334	MWF	11:00am-11:50am	(C 1407)		Bellama, J
	W	12:00pm- 3:00pm	(C 1111)	LAB	
	Tu	11:00am-11:50am	(ZP 1124)	DIS	
3344	MWF	11:00am-11:50am	(C 1407)		Bellama, J
	Th	12:00pm- 3:00pm	(C 1109)	LAB	
	Tu	11:00am-11:50am	(U 2120)	DIS	
3347	MWF	11:00am-11:50am	(C 1407)		Bellama, J
	Th	3:00pm- 6:00pm	(C 1110)	LAB	
	Tu	11:00am-11:50am	(J 3102)	DIS	
3348	MWF	11:00am-11:50am	(C 1407)		Bellama, J
	Th	3:00pm- 8:00pm	(C 1111)	LAB	
	Tu	11:00am-11:50am	(AR 0119)	DIS	
3349	MWF	11:00am-11:50am	(C 1407)		Bellama, J
	Th	3:00pm- 6:00pm	(C 1112)	LAB	
	Tu	11:00am-11:50am	(ZP 1234)	DIS	
3351	MWF	11:00am-11:50am	(C 1407)		Bellama, J

The University Book Center now offers the area's largest selection of Technical Reference books,

featuring a full range of indispensable reference books and a special selection of discounted professional handbooks.

As an additional service to you, special orders may be made with no special order fee.



Architecture
Design, architecture general and building.

Biology
Cellular biology, genetics and more.

Business
Accounting, economics, finance, marketing, law, and management.

Chemistry
Agricultural chemistry, biochemistry, chemical thermodynamics, industrial chemistry, magnetochemistry, nuclear chemistry, organic chemistry and more.

Computers
Languages, artificial intelligence, communications, software engineering, graphics, and microcomputers.

Engineering
Civil, chemical, electrical, industrial, aerospace, nuclear and mechanical engineering.

Mathematics
Algebraic topology, complex analysis, computational structures, differential equations, discrete mathematics, dynamics, elliptic functions, fluid dynamics, graph theory, linear algebra, multivariable analysis, multivariable calculus, plane trigonometry, probability theory, Rieman surfaces, Riemannian geometry and statistics.

Medical
Various medical and nursing references.

Physics
Astrophysics, fluid mechanics, holography, metallurgy, nuclear physics, optics, physical cosmology, quantum fields, quantum mechanics, spectral analysis, thermodynamics and more.

EXTENDED STORE HOURS
Open 7 days a week including Labor Day.

August 17–23		August 31–September 6	
Sun	12–5	Sun	12–5
Mon–Thurs	9–7:30	**Labor Day**	9–5
Fri–Sat	9–5	Tues–Fri	8:30–10
		Sat	9–5
August 24–30		**September 7–13**	
Sun	12–5	Sun	12–5
Mon–Thurs	9–10	Mon–Fri	8:30–8
Fri–Sat	9–7:30	Sat	9–7:30

Regular hours (starting Sept. 14): Sun 12–5 • Mon–Fri 8:30–7:30 • Sat 9–5

Information: Tech/Ref 454-5840 • General 454-3222

UNIVERSITY BOOK CENTER
Lower Level East, Stamp Union

The official University of Maryland bookstore that's much more than a bookstore.

ALPHABETICAL DIRECTORY OF BUILDINGS

024	Allegany Hall (Dorm)	C-4
108-110	Animal Barns	I-5
104	Animal Sciences Annex	I-5
142	Animal Sciences Bldg.	H-5
008	Annapolis Hall (Dorm)	C-4
060	Anne Arundel Hall (Dorm)	G-3
156	Apiary	J-3
145	Architecture Bldg.	F-2
146	Art-Sociology Bldg.	F-3
092	Asphalt Institute	H-6
016	Baltimore Hall (Dorm)	D-3
039	Bel Air Hall (Dorm)	J-5
143	Benjamin Bldg. (Education)	G-3
091	Biochemistry/Chemistry Bldg.	G-5
160	Byrd Stadium	I-3
161	Byrd Stadium, Center Bldg.	H-3
015	Calvert Hall (Dorm)	D-3
096	Cambridge Hall (Dorm)	I-4
070	Caroline Hall (Dorm)	E-3
065	Carroll Hall (Dorm)	E-3
017	Cecil Hall (Dorm)	D-4
250	Center of Adult Education	G-2
001	Central Heating Plant	D-6
206	Central Receiving Warehouse	B-7
098	Centreville Hall (Dorm)	J-5
025	Charles Hall (Dorm)	C-4
090	Chemical and Nuclear Engineering Bldg.	H-5
091	Chemistry/Biochemistry Bldg.	G-5
121	Chestertown Hall (Dorm)	J-4
106	Classroom Bldg.	G-6
162	Cole Student Activities Bldg.	G-3
224	Computer and Space Sciences Bldg.	I-4
250	Conferences and Institutes (Center of Adult Education)	
122	Cumberland Hall (Dorm)	J-4
107	Dairy Science Annex	I-5
105	Dairy Science Office	I-6
252	Denton Hall (Dorm)	J-3
097	Dining Hall (Cambridge)	I-4
251	Dining Hall ((Denton)	K-3
257	Dining Hall (Ellicott)	J-4
064	Dorcester Hall (Dorm)	G-3
253	Easton Hall (Dorm)	K-3
066	Education Annex, West	E-3
254	Elkton Hall (Dorm)	J-3
256	Ellicott Hall (Dorm)	J-3
223	Energy Research Facility	H-6
093	Engineering Research Bldg.	H-6
007	Fire and Rescue Institute (MD)	C-5
158	Football Bldg.	I-4
048	Francis Scott Key Hall	E-3
126	Fraternity Houses	C-6
029	Frederick Hall (Dorm)	C-4
031	Garrett Hall (Dorm)	D-3
299	Gatehouse	F-6
237	Geology Bldg.	G-4
166	Golf Course Club House	J-2
002	Greenhouses	E-6
258	Hagerstown Hall (Dorm)	J-3
014	Harford Hall (Dorm)	D-4
223	Heavy Research Bldg.	H-6
002	Harrison Lab	E-6
140	Health Center	G-3
026	Hill Dining Hall	E-3
074	Holzapfel Hall	F-4
027	Home Management House	C-4
147	Hornbake Undergraduate Library	G.4
028	Howard Hall (Dorm)	D-3
085	Institute for Physical Sciences and Technology	I-5
045	Instructional Television Facility	G-5
034	Jimenez Bldg. (Foreign Languages)	G-3
059	Journalism Bldg.	F-3
227	Jull Hall	I-4
022	Kent Hall (Dorm)	D-4
038	Le Frak Hall (Social Sciences)	E-3
259	LaPlata Hall (Dorm)	J-4
201	Leonardtown Community Bldg. (Employment Office)	B-6
238	Leonardtown Modular Residences	B-6
260	Lord Calvert Apts.	B-4
077	Main Administration Bldg.	E-5
046	Marie Mount Hall	E-4
088	Martin Engineering Classroom Bldg.	G-5
089	Martin Engineering Labs	G-5
084	Mathematics Bldg.	G-5
035	McKeldin Library	F-3
009	Memorial Chapel	D-4
231	Microbiology Bldg.	G-4
232	Mill Bldg.	G-4
032	Montgomery Hall (Dorm)	C-4
040	Morrill Hall	E-3
011	Motor Transportation Facility	D-6
052	North Administration Bldg.	F-5
094	Paint Branch Dr. Office Bldg.	H-6
179	Parking Garage #1	H-4
073	H. J. Patterson Hall	G-4
083	J. M. Patterson Hall	H-5
008	Photographic Services (Annapolis Hall)	C-4
255	Physical Education, Recreation and Health Bldg.	J-5
082	Physics Bldg.	G-5
003	Police and Service Bldg.	E-6
113	Police Substation	C-3
188	Poultry Structures	I-4
054	Preinkert Field House	F-3
164	President's House	I-2
021	Prince George's Hall (Dorm)	D-3
061	Queen Anne's Hall (Dorm)	F-3
078	Reckord Armory	E-5
004	Ritchie Coliseum	D-5
080	Rossborough Inn (Faculty-Alumni Club)	
006	Safety Offices, Plant Maintenance Shops	E-5
159	Shipley Field	D-6
037	Shoemaker Bldg.	E-3
075	Shriver Lab.	F-4
013	Shuttle Bus Facility	F-4
044	Skinner Bldg.	E-4
063	Somerset Hall (Dorm)	F-3
170	Sorority Houses	B-5
071	South Administration Bldg. and Graduate School	E-4
026	South Campus Dining Hall	E-3
062	St. Mary's Hall (Dorm)	G-3
163	Student Union (Adele H. Stamp Union)	G-4
076	Symons Hall	F-4
030	Talbot Hall (Dorm)	D-4
043	Taliaferro Hall	E-3
141	Tawes Fine Arts Bldg.	G-3
053	Temporary Classroom Bldg. AA	D-3
058	Temporary Classroom Bldg. EE	D-3
308	Temporary Computer Science	I-5
334	Relocatable Building North A	I-6
335	Relocatable Building North B	I-6
336	Relocatable Building North C	I-6
337	Relocatable Building North D	I-6
339	Relocatable Building North E	I-6
340	Relocatable Building North F	I-6
341	Relocatable Building North G	I-6
079	Turner Lab (Dairy)	E-5
042	Tydings Hall, Millard E.	E-3
250	University College (Center of Adult Ed.)	G-2
286	University Hills Apts.	G-1
005	University Press	E-6
023	Washington Hall (Dorm)	C-4
069	Wicomico Hall (Dorm)	E-3
081	Wind Tunnel	G-6
047	Woods Hall	E-4
051	Worcester Hall (Dorm)	F-3
144	Zoology-Psychology Bldg.	G-4

SCHEDULE OF CLASSES DIRECTORY OF BUILDING CODES

CODE	BUILDING	LOCATION	NUM.
A	Taliaferro Hall	E-3	043
AA	Temporary Classroom Bldg. AA	D-3	053
API	Apiary	J-3	156
AR	Reckord Armory	E-5	078
ARC	Architecture Bldg.	F-2	145
AS	Art-Sociology Bldg.	F-3	146
BEB	Beef Barn	I-5	110
C	Chemistry-Biochemistry Bldg.	G-5	091
CL	Classroom Bldg.	G-6	106
COL	Ritchie Coliseum	D-5	004
CSS	Computer and Space Sciences Bldg.	I-4	224
D	Turner Laboratory (Dairy)	E-5	079
E	H. J. Patterson Hall	G-4	073
EE	Temporary Classroom Bldg. EE	D-3	058
F	Holzapfel Hall	F-4	074
G	Journalism Bldg.	F-3	059
GEO	Geology Bldg.	G-4	237
GG	Cole Student Activities Bldg.	G-3	162
GOL	Golf Range Classroom	J-2	165
H	Marie Mount Hall (Human Ecology)	E-4	046
HAR	Harrison Laboratory	E-6	002
HDH	South Campus Dining Hall	E-3	026
HMC	Home Management House	C-4	027
I	Shriver Laboratory	F-4	075
II	Jull Hall	I-4	227
ITV	Instructional Television Facility	G-5	045
J	Martin Engineering Classroom Bldg.	G-5	088
JJ	Institute for Physical Sciences & Technology	I-5	085
L	McKeldin Library	F-3	035
LAM	Laboratory Animal Management Classroom	CRF	783
LL	Jimenez Bldg. (Foreign Languages)	G-3	034
M	Morrill Hall	E-3	040
MIL	Mill Bldg.	G-4	232
N	Shoemaker Bldg.	E-3	037
NN	Tawes Fine Arts Bldg.	G-3	141
O	Symons Hall	F-4	076
OO	Benjamin Bldg. (Education)	G-3	143
P	J. M. Patterson Hall	H-5	083
PRH	Physical Education, Recreation and Health Bldg.	J-5	255
Q	Tydings Hall	E-3	042
QQ	Horse Barn	I-5	108
R	Woods Hall	E-4	047
RR	Francis Scott Key Hall	E-3	048
S	Martin Engineering Laboratory Bldg.	G-6	089
SHB	Sheep Barn	I-5	109
SSB	Le Frak Hall (Social Sciences)	E-3	038
STA	Byrd Stadium	I-3	160
SU	Student Union (Adele H. Stamp Union)	G-4	163
T	Skinner Bldg.	E-4	044
TBA	Meeting place to be arranged	000000	
TCS	Temporary Computer Science	I-5	308
TNE	Temporary North E	I-6	339
TNF	Temporary North F	I-6	340
TNG	Temporary North G	I-6	341
U	Chemical Engineering Bldg.	H-5	090
ULB	Undergraduate Library	G-4	147
V	Wind Tunnel	G-6	081
W	Preinkert Field House	F-3	054
WW	Animal Sciences Bldg.	I-5	142
X	Dairy Science Annex and Large Animal Classroom	I-5	107
XX	East Poultry Laboratory Bldg.	I-4	188
Y	Mathematics Bldg.	G-5	084
YY	Education Annex (West)	E-3	066
Z	Physics Bldg.	G-5	082
ZP	Zoology-Psychology Bldg.	G-4	144
ZZ	Animal Sciences Annex	I-6	104

Note: Location "CRF" denotes Calvert Road Facilities.

F.....8:00am-11:00am (C 1111) LAB
Tu.....10:00am-10:50am (AR 0119) DIS
3352 MWF.....11:00am-11:50am (C 1407) Bellama, J
F.....8:00am-11:00am (C 1110) LAB
Tu.....10:00am-10:50am (U 2116) DIS
3354 MWF.....11:00am-11:50am (C 1407) Bellama, J
F.....12:00pm- 3:00pm (C 1111) LAB
Tu.....11:00am-11:50am (U 2140) DIS
3357 MWF.....11:00am-11:50am (C 1407) Bellama, J
F.....3:00pm- 6:00pm (C 1110) LAB
Tu.....11:00am-11:50am (U 2116) DIS
3411 MWF.....12:00pm-12:50pm (C 1407) STAFF
M.....8:00am-11:00am (C 1105) LAB
Th.....10:00am-10:50am (Y B0423) DIS
3412 MWF.....12:00pm-12:50pm (C 1407) STAFF
M.....8:00am-11:00am (C 1106) LAB
Th.....10:00am-10:50am (U 2120) DIS
3413 MWF.....12:00pm-12:50pm (C 1407) STAFF
M.....8:00am-11:00am (C 1112) LAB
Th.....10:00am-10:50am (J 3111) DIS
3417 MWF.....12:00pm-12:50pm (C 1407) STAFF
M.....3:00pm- 6:00pm (C 1106) LAB
Th.....10:00am-10:50am (J 3102) DIS
3424 MWF.....12:00pm-12:50pm (C 1407) STAFF
Tu.....12:00pm- 3:00pm (C 1110) LAB
Th.....10:00am-10:50am (U 2116) DIS
3425 MWF.....12:00pm-12:50pm (C 1407) STAFF
Tu.....12:00pm- 3:00pm (C 1111) LAB
Th.....10:00am-10:50am (C 0128) DIS
3431 MWF.....12:00pm-12:50pm (C 1407) STAFF
W.....8:00am-11:00am (C 1105) LAB
Th.....11:00am-11:50am (ZP 1234) DIS
3432 MWF.....12:00pm-12:50pm (C 1407) STAFF
W.....8:00am-11:00am (C 1106) LAB
Th.....11:00am-11:50am (U 2120) DIS
3433 MWF.....12:00pm-12:50pm (C 1407) STAFF
W.....8:00am-11:00am (C 1112) LAB
Th.....11:00am-11:50am (ZP 1228) DIS
3437 MWF.....12:00pm-12:50pm (C 1407) STAFF
W.....3:00pm- 6:00pm (C 1106) LAB
Th.....11:00am-11:50am (J 3102) DIS
3444 MWF.....12:00pm-12:50pm (C 1407) STAFF
Th.....12:00pm- 3:00pm (C 1110) LAB
Th.....11:00am-11:50am (U 2116) DIS
3445 MWF.....12:00pm-12:50pm (C 1407) STAFF
Th.....12:00pm- 3:00pm (C 1111) LAB
Th.....11:00am-11:50am (C 2201) DIS
3451 MWF.....12:00pm-12:50pm (C 1407) STAFF
F.....8:00am-11:00am (C 1109) LAB
Th.....10:00am-10:50am (U 2118) DIS
3457 MWF.....12:00pm-12:50pm (C 1407) STAFF
F.....3:00pm- 6:00pm (C 1109) LAB
Th.....11:00am-11:50am (U 2145) DIS
3511 MWF.....1:00pm- 1:50pm (C 1407) Boyd Jr., A
M.....8:00am-11:00am (C 1109) LAB
Tu.....2:00pm- 2:50pm (J 3111) DIS
3512 MWF.....1:00pm- 1:50pm (C 1407) Boyd Jr., A
M.....8:00am-11:00am (C 1110) LAB
Tu.....2:00pm- 2:50pm (C 0119) DIS
3517 MWF.....1:00pm- 1:50pm (C 1407) Boyd Jr., A
M.....3:00pm- 6:00pm (C 1109) LAB
Tu.....2:00pm- 2:50pm (AR 0105) DIS
3521 MWF.....1:00pm- 1:50pm (C 1407) Boyd Jr., A
Tu.....8:00am-11:00am (C 1105) LAB
Tu.....2:00pm- 2:50pm (AR 0120) DIS
3522 MWF.....1:00pm- 1:50pm (C 1407) Boyd Jr., A
Tu.....8:00am-11:00am (C 1106) LAB
Tu.....2:00pm- 2:50pm (J 0102) DIS
3523 MWF.....1:00pm- 1:50pm (C 1407) Boyd Jr., A
Tu.....8:00am-11:00am (C 1112) LAB
Tu.....2:00pm- 2:50pm (WJ 1109) DIS
3531 MWF.....1:00pm- 1:50pm (C 1407) Boyd Jr., A
W.....8:00am-11:00am (C 1109) LAB
Tu.....3:00pm- 3:50pm (C 0119) DIS
3532 MWF.....1:00pm- 1:50pm (C 1407) Boyd Jr., A
W.....8:00am-11:00am (C 1110) LAB
Tu.....3:00pm- 3:50pm (J 3111) DIS
3537 MWF.....1:00pm- 1:50pm (C 1407) Boyd Jr., A
W.....3:00pm- 6:00pm (C 1109) LAB
Tu.....3:00pm- 3:50pm (AR 0105) DIS
3541 MWF.....1:00pm- 1:50pm (C 1407) Boyd Jr., A
Th.....8:00am-11:00am (C 1105) LAB
Tu.....3:00pm- 3:50pm (AR 0120) DIS
3542 MWF.....1:00pm- 1:50pm (C 1407) Boyd Jr., A
Th.....8:00am-11:00am (C 1106) LAB
Tu.....3:00pm- 3:50pm (J 0102) DIS
3543 MWF.....1:00pm- 1:50pm (C 1407) Boyd Jr., A
M.....8:00am-11:00am (C 1122) LAB
Th.....3:00pm- 3:50pm (J 0102) DIS
3551 MWF.....1:00pm- 1:50pm (C 1407) Boyd Jr., A
F.....8:00am-11:00am (C 1105) LAB
Tu.....2:00pm- 2:50pm (AR 0118) DIS
3557 MWF.....1:00pm- 1:50pm (C 1407) Boyd Jr., A
F.....3:00pm- 6:00pm (C 1111) LAB
Tu.....3:00pm- 3:50pm (AR 0118) DIS
3611 MWF.....2:00pm- 2:50pm (C 1407) Weiner, J
M.....8:00am-11:00am (C 1111) LAB
Th.....2:00pm- 2:50pm (J 0102) DIS
3617 MWF.....2:00pm- 2:50pm (C 1407) Weiner, J
M.....3:00pm- 6:00pm (C 1110) LAB
Th.....2:00pm- 2:50pm (C 0124) DIS
3618 MWF.....2:00pm- 2:50pm (C 1407) Weiner, J
M.....3:00pm- 6:00pm (C 1111) LAB
Th.....2:00pm- 2:50pm (AR 0120) DIS
3619 MWF.....2:00pm- 2:50pm (C 1407) Weiner, J
M.....3:00pm- 6:00pm (C 1112) LAB
Th.....2:00pm- 2:50pm (J 3111) DIS
3621 MWF.....2:00pm- 2:50pm (C 1407) Weiner, J
Tu.....8:00am-11:00am (C 1109) LAB
Th.....2:00pm- 2:50pm (AR 0121) DIS
3622 MWF.....2:00pm- 2:50pm (C 1407) Weiner, J
Tu.....8:00am-11:00am (C 1110) LAB
Th.....2:00pm- 2:50pm (C 0119) DIS
3623 MWF.....2:00pm- 2:50pm (C 1407) Weiner, J
Tu.....8:00am-11:00am (C 1111) LAB
Th.....2:00pm- 2:50pm (AR 0118) DIS
3631 MWF.....2:00pm- 2:50pm (C 1407) Weiner, J
W.....8:00am-11:00am (C 1111) LAB
Th.....3:00pm- 3:50pm (AR 0118) DIS
3637 MWF.....2:00pm- 2:50pm (C 1407) Weiner, J
W.....3:00pm- 6:00pm (C 1110) LAB
Th.....3:00pm- 3:50pm (C 0124) DIS
3638 MWF.....2:00pm- 2:50pm (C 1407) Weiner, J
W.....3:00pm- 6:00pm (C 1111) LAB
Th.....3:00pm- 3:50pm (AR 0120) DIS
3639 MWF.....2:00pm- 2:50pm (C 1407) Weiner, J
W.....3:00pm- 6:00pm (C 1112) LAB
Th.....3:00pm- 3:50pm (J 3111) DIS
3641 MWF.....2:00pm- 2:50pm (C 1407) Weiner, J
Th.....8:00am-11:00am (C 1109) LAB
Th.....3:00pm- 3:50pm (AR 0121) DIS
3642 MWF.....2:00pm- 2:50pm (C 1407) Weiner, J
Th.....8:00am-11:00am (C 1110) LAB
Th.....3:00pm- 3:50pm (C 0119) DIS
3643 MWF.....2:00pm- 2:50pm (C 1407) Weiner, J
Th.....8:00am-11:00am (C 1111) LAB
Th.....3:00pm- 3:50pm (C 0128) DIS

CHEM104 Fundamentals of Organic and Biochemistry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
5114 MWF.....9:00am- 9:50am (AR 0126) Herndon, J
M.....12:00pm- 3:00pm (C 1212) LAB
Tu.....8:00am- 8:50am (J 0102) DIS
5115 MWF.....9:00am- 9:50am (AR 0126) Herndon, J
M.....12:00pm- 3:00pm (C 1215) LAB
Tu.....8:00am- 8:50am (C 0124) DIS
5117 MWF.....9:00am- 9:50am (AR 0126) Herndon, J
M.....3:00pm- 6:00pm (C 1212) LAB
Tu.....8:00am- 8:50am (J 0104) DIS
5124 MWF.....9:00am- 9:50am (AR 0126) Herndon, J
Tu.....12:00pm- 3:00pm (C 1212) LAB
Tu.....8:00am- 8:50am (Y 0305) DIS
5125 MWF.....9:00am- 9:50am (AR 0126) Herndon, J
Tu.....12:00pm- 3:00pm (C 1215) LAB
Tu.....8:00am- 8:50am (Y 0302) DIS
5134 MWF.....9:00am- 9:50am (AR 0126) Herndon, J
W.....12:00pm- 3:00pm (C 1212) LAB
Tu.....9:00am- 9:50am (C 0124) DIS
5137 MWF.....9:00am- 9:50am (AR 0126) Herndon, J
W.....3:00pm- 6:00pm (C 1212) LAB
Tu.....9:00am- 9:50am (Y 0302) DIS
5138 MWF.....9:00am- 9:50am (AR 0126) Herndon, J
W.....3:00pm- 6:00pm (C 1215) LAB
Tu.....9:00am- 9:50am (Y 0305) DIS
5141 MWF.....9:00am- 9:50am (AR 0126) Herndon, J
Th.....8:00am-11:00am (C 1212) LAB
Tu.....8:00am- 8:50am (AR 0105) DIS
5144 MWF.....9:00am- 9:50am (AR 0126) Herndon, J
Th.....12:00pm- 3:00pm (C 1215) LAB
Tu.....9:00am- 9:50am (Z 1402) DIS
5145 MWF.....9:00am- 9:50am (AR 0126) Herndon, J
Th.....12:00pm- 3:00pm (C 1212) LAB
Tu.....9:00am- 9:50am (AR 0105) DIS
5147 MWF.....9:00am- 9:50am (AR 0126) Herndon, J
Th.....3:00pm- 6:00pm (C 1215) LAB
Tu.....9:00am- 9:50am (AR 0119) DIS

CHEM105 Principles of General Chemistry I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Registration restricted. High school chemistry plus S.A.T. math score above 660 required. 4 credits
0314 MWF.....10:00am-10:50am (C 1402) Helz, G
M.....12:00pm- 3:00pm (C 1233) LAB
Th.....8:00am- 8:50am (AR 0119) DIS
0317 MWF.....10:00am-10:50am (C 1402) Helz, G
M.....3:00pm- 6:00pm (C 1233) LAB
Th.....8:00am- 8:50am (J 0104) DIS
0321 MWF.....10:00am-10:50am (C 1402) Helz, G
Tu.....8:00am-11:00am (C 1233) LAB
Th.....8:00am- 8:50am (AR 0105) DIS
0324 MWF.....10:00am-10:50am (C 1402) Helz, G
Tu.....12:00pm- 3:00pm (C 1233) LAB
Th.....9:00am- 9:50am (C 0124) DIS
0327 MWF.....10:00am-10:50am (C 1402) Helz, G
Tu.....3:00pm- 6:00pm (C 1233) LAB
Th.....9:00am- 9:50am (Y 0302) DIS
0334 MWF.....10:00am-10:50am (C 1402) Helz, G
W.....12:00pm- 3:00pm (C 1233) LAB
Th.....9:00am- 9:50am (AR 0119) DIS

CHEM111 Chemistry in Modern Life; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
6114 TuTh.....2:00pm- 2:50pm (C 1402) Adler, I
M.....12:00pm- 2:00pm (C 1228) LAB
6117 TuTh.....2:00pm- 2:50pm (C 1402) Adler, I
M.....2:00pm- 4:00pm (C 1228) LAB
6124 TuTh.....2:00pm- 2:50pm (C 1402) Adler, I
Tu.....12:00pm- 2:00pm (C 1228) LAB
6137 TuTh.....2:00pm- 2:50pm (C 1402) Adler, I
W.....2:00pm- 4:00pm (C 1228) LAB

CHEM113 General Chemistry II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
4114 TuTh.....8:00am- 9:15am (C 1407) DeVoe, H
M.....12:00pm- 3:00pm (C 1122) LAB
M.....8:00am- 8:50am (C 0124) DIS
4115 TuTh.....8:00am- 9:15am (C 1407) DeVoe, H
M.....12:00pm- 3:00pm (C 1208) LAB
M.....8:00am- 8:50am (C 0122) DIS
4117 TuTh.....8:00am- 9:15am (C 1407) DeVoe, H
M.....3:00pm- 6:00pm (C 1122) LAB
M.....8:00am- 8:50am (U 2140) DIS
4124 TuTh.....8:00am- 9:15am (C 1407) DeVoe, H
Tu.....12:00pm- 3:00pm (C 1122) LAB
M.....8:00am- 8:50am (U 2118) DIS
4134 TuTh.....8:00am- 9:15am (C 1407) DeVoe, H
W.....12:00pm- 3:00pm (C 1122) LAB
W.....8:00am- 8:50am (ULB 1120) DIS
4135 TuTh.....8:00am- 9:15am (C 1407) DeVoe, H
W.....12:00pm- 3:00pm (C 1208) LAB
W.....8:00am- 8:50am (C 0122) DIS
4137 TuTh.....8:00am- 9:15am (C 1407) DeVoe, H
W.....3:00pm- 6:00pm (C 1122) LAB
M.....8:00am- 8:50am (C 0128) DIS
4144 TuTh.....8:00am- 9:15am (C 1407) DeVoe, H
Th.....12:00pm- 3:00pm (U 2140) DIS
W.....8:00am- 8:50am (U 2118) DIS
4151 TuTh.....8:00am- 9:15am (C 1407) DeVoe, H
F.....8:00am-11:00am (C 1122) LAB
W.....8:00am- 8:50am (C 0124) DIS
4152 TuTh.....8:00am- 9:15am (C 1407) DeVoe, H
F.....8:00am-11:00am (C 1208) LAB
W.....8:00am- 8:50am (U 2118) DIS
4214 TuTh.....11:00am-12:15pm (C 1407) STAFF
M.....12:00pm- 3:00pm (C 1128) LAB
M.....8:00am- 8:50am (ULB 1108) DIS
4217 TuTh.....11:00am-12:15pm (C 1407) STAFF
M.....3:00pm- 6:00pm (C 1119) LAB
M.....8:00am- 8:50am (AR 0121) DIS
4218 TuTh.....11:00am-12:15pm (C 1407) STAFF
M.....3:00pm- 6:00pm (C 1208) LAB
M.....8:00am- 8:50am (J 3111) DIS
4227 TuTh.....11:00am-12:15pm (C 1407) STAFF
Tu.....3:00pm- 6:00pm (C 1122) LAB
M.....8:00am- 8:50am (AR 0119) DIS
4234 TuTh.....11:00am-12:15pm (C 1407) STAFF
W.....12:00pm- 3:00pm (C 1128) LAB
W.....8:00am- 8:50am (J 3111) DIS
4235 TuTh.....11:00am-12:15pm (C 1407) STAFF
W.....12:00pm- 3:00pm (C 1119) LAB
W.....8:00am- 8:50am (J 0102) DIS
4237 TuTh.....11:00am-12:15pm (C 1407) STAFF
W.....3:00pm- 6:00pm (C 1119) LAB
M.....8:00am- 8:50am (U 2116) DIS
4247 TuTh.....11:00am-12:15pm (C 1407) STAFF
Th.....3:00pm- 6:00pm (C 1122) LAB
W.....8:00am- 8:50am (AR 0121) DIS
4248 TuTh.....11:00am-12:15pm (C 1407) STAFF
Th.....3:00pm- 6:00pm (C 1119) LAB
W.....8:00am- 8:50am (U 2116) DIS
4251 TuTh.....11:00am-12:15pm (C 1407) STAFF
F.....8:00am-11:00am (C 1128) LAB
W.....8:00am- 8:50am (AR 0119) DIS
4311 TuTh.....12:30pm- 1:45pm (C 1407) STAFF
M.....8:00am-11:00am (C 1122) LAB
M.....3:00pm- 3:50pm (AR 0118) DIS
4321 TuTh.....12:30pm- 1:45pm (C 1407) STAFF
Tu.....8:00am-11:00am (C 1122) LAB
M.....3:00pm- 3:50pm (J 3111) DIS
4322 TuTh.....12:30pm- 1:45pm (C 1407) STAFF
Tu.....8:00am-11:00am (C 1208) LAB
M.....3:00pm- 3:50pm (J 0102) DIS
4327 TuTh.....12:30pm- 1:45pm (C 1407) STAFF
Tu.....3:00pm- 6:00pm (C 1128) LAB
M.....3:00pm- 3:50pm (C 0128) DIS
4328 TuTh.....12:30pm- 1:45pm (C 1407) STAFF
Tu.....3:00pm- 6:00pm (C 1208) LAB
M.....3:00pm- 3:50pm (U 2116) DIS
4331 TuTh.....12:30pm- 1:45pm (C 1407) STAFF
W.....8:00am-11:00am (C 1122) LAB
W.....3:00pm- 3:50pm (AR 0118) DIS
4341 TuTh.....12:30pm- 1:45pm (C 1407) STAFF
Th.....8:00am-11:00am (C 1112) LAB
W.....3:00pm- 3:50pm (J 3111) DIS
4342 TuTh.....12:30pm- 1:45pm (C 1407) STAFF
Th.....8:00am-11:00am (C 1208) LAB
W.....3:00pm- 3:50pm (J 0102) DIS
4347 TuTh.....12:30pm- 1:45pm (C 1407) STAFF
Th.....3:00pm- 6:00pm (C 1128) LAB
W.....3:00pm- 3:50pm (C 0128) DIS
4348 TuTh.....12:30pm- 1:45pm (C 1407) STAFF
Th.....3:00pm- 6:00pm (C 1208) LAB
W.....3:00pm- 3:50pm (U 2116) DIS

CHEM233 Organic Chemistry I; Grade Method: REG/P-F/AUD; 4 credits
7114 MWF.....9:00am- 9:50am (C 1407) Ammon, H
M.....12:00pm- 3:00pm (C 1216) LAB
Tu.....12:00pm-12:50pm (C 2201) DIS
7115 MWF.....9:00am- 9:50am (C 1407) Ammon, H
M.....12:00pm- 3:00pm (C 1224) LAB
Tu.....12:00pm-12:50pm (U 2120) DIS
7117 MWF.....9:00am- 9:50am (C 1407) Ammon, H
M.....3:00pm- 6:00pm (C 1216) LAB
Tu.....12:00pm-12:50pm (J 2154) DIS
7118 MWF.....9:00am- 9:50am (C 1407) Ammon, H
M.....3:00pm- 6:00pm (C 1227) LAB
Tu.....12:00pm-12:50pm (AR 0105) DIS
7121 MWF.....9:00am- 9:50am (C 1407) Ammon, H
Tu.....8:00am-11:00am (C 1216) LAB
Tu.....12:00pm-12:50pm (J 3102) DIS
7122 MWF.....9:00am- 9:50am (C 1407) Ammon, H
Tu.....8:00am-11:00am (C 1224) LAB
Tu.....12:00pm-12:50pm (U 2116) DIS
7134 MWF.....9:00am- 9:50am (C 1407) Ammon, H
W.....12:00pm- 3:00pm (C 1216) LAB
Tu.....1:00pm- 1:50pm (J 3110) DIS
7137 MWF.....9:00am- 9:50am (C 1407) Ammon, H
W.....3:00pm- 6:00pm (C 1216) LAB
Tu.....1:00pm- 1:50pm (J 2154) DIS
7138 MWF.....9:00am- 9:50am (C 1407) Ammon, H
W.....3:00pm- 6:00pm (C 1224) LAB
Tu.....1:00pm- 1:50pm (AR 0105) DIS
7141 MWF.....9:00am- 9:50am (C 1407) Ammon, H
W.....8:00am-11:00am (C 1216) LAB
Tu.....1:00pm- 1:50pm (J 3102) DIS
7142 MWF.....9:00am- 9:50am (C 1407) Ammon, H
Th.....8:00am-11:00am (C 1224) LAB
Tu.....1:00pm- 1:50pm (ZP 1124) DIS
7144 MWF.....9:00am- 9:50am (C 1407) Ammon, H
Th.....12:00pm- 3:00pm (C 1216) LAB
Tu.....12:00pm-12:50pm (U 2140) DIS
7147 MWF.....9:00am- 9:50am (C 1407) Ammon, H
Th.....3:00pm- 6:00pm (C 1224) LAB
Tu.....1:00pm- 1:50pm (C 0128) DIS
7217 MWF.....9:00am- 9:50am (C 1402) Henery-Logan, K
M.....3:00pm- 6:00pm (C 1224) LAB
Tu.....12:00pm-12:50pm (Y B0429) DIS
7234 MWF.....9:00am- 9:50am (C 1402) Henery-Logan, K
W.....12:00pm- 3:00pm (C 1224) LAB
Tu.....1:00pm- 1:50pm (U 2120) DIS
7237 MWF.....9:00am- 9:50am (C 1402) Henery-Logan, K
W.....3:00pm- 6:00pm (C 1227) LAB
Tu.....1:00pm- 1:50pm (ZP 1232) DIS
7244 MWF.....9:00am- 9:50am (C 1402) Henery-Logan, K
Th.....12:00pm- 3:00pm (C 1224) LAB
Tu.....12:00pm-12:50pm (ZP 1228) DIS
7247 MWF.....9:00am- 9:50am (C 1402) Henery-Logan, K
Th.....3:00pm- 6:00pm (C 1216) LAB
Tu.....1:00pm- 1:50pm (ZP 1228) DIS

CHEM235 Principles of Organic Chemistry I; Grade Method: REG/P-F/AUD; This course is a more rigorous 'upper track' version of CHEM 233. Limited enrollment. Preference given to those with grades of A or B in CHEM 115 or A in CHEM 113 or consent of instructor. 4 credits
0741 MWF.....9:00am- 9:50am (C 0128) Jarvis, B
Th.....8:00am-11:00am (C 1233) LAB
Tu.....12:00pm-12:50pm (C 0128) DIS
0747 MWF.....9:00am- 9:50am (C 0128) Jarvis, B
Th.....3:00pm- 6:00pm (C 1233) LAB
Tu.....1:00pm- 1:50pm (U 2116) DIS

CHEM243 Organic Chemistry II; Grade Method: REG/P-F/AUD; 4 credits
8114 MWF.....3:00pm- 3:50pm (C 1407) Bailey, W
M.....12:00pm- 3:00pm (C 1221) LAB
Th.....12:00pm-12:50pm (U 2140) DIS
8115 MWF.....3:00pm- 3:50pm (C 1407) Bailey, W
M.....12:00pm- 3:00pm (C 1227) LAB
Th.....12:00pm-12:50pm (C 2201) DIS
8121 MWF.....3:00pm- 3:50pm (C 1407) Bailey, W
Tu.....8:00am-11:00am (C 1221) LAB
Th.....12:00pm-12:50pm (U 2120) DIS
8124 MWF.....3:00pm- 3:50pm (C 1407) Bailey, W
Tu.....12:00pm- 3:00pm (C 1221) LAB
Th.....12:00pm-12:50pm (J 3102) DIS
8131 MWF.....3:00pm- 3:50pm (C 1407) Bailey, W
W.....8:00am-11:00am (C 1221) LAB
Th.....12:00pm-12:50pm (AR 0105) DIS
8134 MWF.....3:00pm- 3:50pm (C 1407) Bailey, W
W.....12:00pm- 3:00pm (C 1221) LAB
Th.....1:00pm- 1:50pm (C 0128) DIS
8141 MWF.....3:00pm- 3:50pm (C 1407) Bailey, W
Th.....8:00am-11:00am (C 1221) LAB
Th.....1:00pm- 1:50pm (U 2120) DIS
8147 MWF.....3:00pm- 3:50pm (C 1407) Bailey, W
Th.....3:00pm- 6:00pm (G 1227) LAB
Th.....1:00pm- 1:50pm (J 3102) DIS
8148 MWF.....3:00pm- 3:50pm (C 1407) Bailey, W
Th.....3:00pm- 6:00pm (C 1221) LAB
Th.....1:00pm- 2:00pm (Z 1402) DIS
8151 MWF.....3:00pm- 3:50pm (C 1407) Bailey, W
F.....8:00am-11:00am (C 1221) LAB
Th.....1:00pm- 1:50pm (C 2201) DIS

CHEM287 Computer Programming for the Biological and Chemical Sciences; Grade Method: REG/P-F/AUD; 4 credits
0111 MWF.....3:00pm- 3:50pm (C 1402) Munn, R
M.....12:00pm- 3:00pm (Arranged) LAB
0121 MWF.....3:00pm- 3:50pm (C 1402) Munn, R
Tu.....12:00pm- 3:00pm (Arranged) LAB
0131 MWF.....3:00pm- 3:50pm (C 1402) Munn, R
W.....12:00pm- 3:00pm (Arranged) LAB
0141 MWF.....3:00pm- 3:50pm (C 1402) Munn, R
Th.....12:00pm- 3:00pm (Arranged) LAB

CHEM321 Quantitative Analysis; Grade Method: REG/P-F/AUD; 4 credits
0111 MW.....12:00pm-12:50pm (C 1402) Kasler, F
MW.....8:00am-11:00am (C 3226) LAB
0114 MW.....12:00pm-12:50pm (C 1402) Kasler, F
MW.....1:00pm- 4:00pm (C 3226) LAB
0121 MW.....12:00pm-12:50pm (C 1402) Kasler, F
TuTh.....12:00pm- 3:00pm (C 3226) LAB

CHEM398 (PermReq) Special Projects; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to chemistry honors students. Prior consent of the department required. Consult with Dr. Freeman. 2 credits

CHEM399 (PermReq) Introduction to Chemical Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Research plans must have prior approval from Dr. Freeman. 1-2 credits

CHEM401 Inorganic Chemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (C 0119) Huheey, J

CHEM403 Radiochemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (C 0128) Mignerey, A

CHEM433 Chemical Synthesis; Grade Method: REG/P-F/AUD; Students must have at least two three-hour blocks of time available during laboratory. Open hours of 1-4:30 Tu and Wed, and 9-12 and 1-4:30 Thursday. 3 credits
0101 Tu.....11:00am-11:50am (C 2201) STAFF
TBA (C 2122) LAB

CHEM474 Environmental Chemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (C 0128) Ondov, J

CHEM481 Physical Chemistry I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am- 8:50am (C 0115) Miller, G
0201 MWF.....9:00am- 9:50am (C 0115) Castellan, G
0301 MWF.....10:00am-10:50am (C 0115) Castellan, G

CHEM482 Physical Chemistry II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (C 1402) Coplan, M

CHEM483 Physical Chemistry Laboratory I; Grade Method: REG/P-F/AUD; 2 credits
0114 M.....2:00pm- 5:00pm (Arranged) LAB Khanna, R
M.....1:00pm- 1:50pm (C 1402) DIS
0124 Tu.....2:00pm- 5:00pm (Arranged) LAB Khanna, R
Tu.....1:00pm- 1:50pm (C 0127) DIS
0134 W.....2:00pm- 5:00pm (Arranged) LAB Khanna, R
W.....1:00pm- 1:50pm (C 1402) DIS
0144 Th.....2:00pm- 5:00pm (Arranged) LAB Khanna, R
Th.....1:00pm- 1:50pm (C 0127) DIS

CHEM484 Physical Chemistry Laboratory II; Grade Method: REG/P-F/AUD; 2 credits
0124 Tu.....2:00pm- 5:00pm (Arranged) LAB Khanna, R
Tu.....1:00pm- 1:50pm (C 2201) DIS
0134 W.....2:00pm- 5:00pm (Arranged) LAB Khanna, R
W.....1:00pm- 1:50pm (C 2201) DIS

CHEM487 Computer Applications in the Biological and Chemical Sciences; Grade Method: REG/P-F/AUD; One three-hour laboratory period will be arranged. 4 credits
0117 MWF.....11:00am-11:50am (C 0115) Murphy, T
Time and room to be arranged LAB
0137 MWF.....11:00am-11:50am (C 0115) Murphy, T
Time and room to be arranged LAB

CHEM498A Special Topics in Chemistry: Electronics for Chemists; Grade Method: REG/P-F/AUD; 3 credits
0201 TuTh.....10:00am-10:50am (C 0124) O'Haver, T
Tu.....1:00pm- 4:00pm (Arranged) LAB
0401 TuTh.....10:00am-10:50am (C 0124) O'Haver, T
Th.....1:00pm- 4:00pm (Arranged) LAB

CHEM498B Special Topics in Chemistry: The Periodic Table D and F Block Elements; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (C 0124) Boyd Jr., A

CHEM601 Advanced Inorganic Chemistry I; Grade Method: REG/AUD; 3 credits
0101 MWF.....11:00am-11:50am (C 2201) Grim, S

CHEM625 Separation Methods in Quantitative Analysis; Grade Method: REG/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (C 2201) Freeman, D

CHEM641 Organic Reaction Mechanisms; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (C 2201) Mariano, P

CHEM648B Special Topics in Organic Chemistry: Problems in Organic Reaction Mechanisms; Grade Method: REG/AUD; 1-3 credits
0101 F.....12:00pm-12:50pm (C 2201) Herndon, J

CHEM648C Special Topics in Organic Chemistry: Novel Methods in Organic Synthesis; Grade Method: REG/AUD; 1-3 credits
0101 M.....4:00pm- 6:00pm (C 2201) Deshong, P

CHEM684 Chemical Thermodynamics; Grade Method: REG/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (C 2201) Greer, S

CHEM690 Quantum Chemistry I; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (C 0124) Alexander, M

CHEM699 Special Problems in Chemistry; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis Master's degree candidates. 1-6 credits

CHEM799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CHEM898A Seminar: Analytical, Nuclear and Environmental; Grade Method: REG/AUD; — 1 credit
0101 F.....3:00pm- 3:50pm (C 0128) — Kasler, F

CHEM898C Seminar: Inorganic; Grade Method: REG/AUD; — 1 credit
0101 Tu.....4:00pm- 6:00pm (Arranged) — Huheey, J

CHEM898D Seminar: Organic; Grade Method: REG/AUD; — 1 credit
0101 Tu.....4:00pm- 6:00pm (C 0124) — Jarvis, B

CHEM898E Seminar: Physical Chemistry; Grade Method: REG/AUD; — 1 credit
0101 W..... ...4:00pm- 6:00pm (C !?21) — Castellan, G

CHEM898F Seminar: Chemical Physics; Grade Method: REG/AUD; — 1 credit
0101 W.....4:00pm- 6:00pm (C 1221) — Castellan, G

CHEM898G Seminar: Polymers; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Bailey, W

CHEM898J Seminar: Natural Products; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Jarvis, B

CHEM898K Seminar: Photochemistry Mechanistics; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Mariano, P

CHEM898L Seminar: Photochemistry; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Mazzocchi, P

CHEM898N Seminar: Phosphorus Chemistry; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Grim, S

CHEM898O Seminar: Natural Water; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Helz, G

CHEM898P Seminar: Chemical Evolution; Grade Method: REG/AUD; — 1 credit
0101 W.....4:00pm- 4:50pm (Arranged) — Ponnamperuma, C

CHEM898Q Seminar: Bioorganic Mechanisms; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Kozarich, J

CHEM898R Seminar: Environmental Inorganic Chemistry; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Bellama, J

CHEM899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

CHIN Chinese (Arts and Humanities)

CHIN101 Intensive Elementary Chinese I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 6 credits
0101 MWF.....10:00am-10:50am (GG 3112) — Chin, T
MWF.....9:00am- 9:50am (GG 3112) DIS
0102 MWF.....10:00am-10:50am (GG 3112) — Chin, T
MWF.....9:00am- 9:50am (GG 0104) DIS
0201 MWF.....4:30pm- 5:20pm (LL 2122) — STAFF
MWF.....3:30pm- 4:20pm (LL 2122) DIS
0202 MWF.....4:30pm- 5:20pm (LL 2122) — STAFF
MWF.....3:30pm- 4:20pm (LL 0204) DIS

CHIN201 Intermediate Spoken Chinese I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (LL 1109) — Sargent, S

CHIN202 Intermediate Written Chinese I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....10:00am-10:50am (LL 1104) — STAFF

CHIN301 Advanced Chinese I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (LL 1124) — Chin, T

CHIN303 Business Chinese I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (LL 2117) — STAFF

CHIN313 Chinese Poetry and Prose in Translation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Taught in English. — 3 credits
0101 MWF.....2:00pm- 2:50pm (LL 0118) — Sargent, S

CHIN401 Readings in Modern Chinese I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (L 1123) — STAFF

CHIN403 Classical Chinese I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (LL 1123) — Sargent, S

CHIN421 Sounds and Transcriptions of Mandarin Chinese; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....3:00pm- 5:30pm (LL 1123) — Chin, T

CHIN499 (PermReq) Directed Study in Chinese; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

---

CHPH Chemical Physics (Comp, Math, & Phys Sci)

CHPH618A (PermReq) Special Projects in Chemical Physics: Atomic and Molecular Physics; Grade Method: REG/AUD; — 1-3 credits
0101 Time and room to be arranged — Benesch, W

CHPH618D (PermReq) Special Projects in Chemical Physics: Theory of Transport Properties of Fluids; Grade Method: REG/AUD; Tutorial course — 3 credits
0101 Time and room to be arranged — Nieuwoudt, J

CHPH709A Seminar in Chemical Physics: Physical Chemistry; Grade Method: REG/AUD; — 1 credit
0101 W.....4:00pm- 6:00pm (C 1221) — Castellan, G

CHPH709B Seminar in Chemical Physics: Statistical Physics Seminar; Grade Method: REG/AUD; — 1 credit
0101 Tu.....12:00pm-12:50pm (Arranged) — Sengers, J

CHPH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CHPH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

CJUS Institute of Criminal Justice and Criminology (Behavior + Social Sci)

CJUS100 Introduction to Law Enforcement; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....8:00am- 9:15am (SSB 2205) — Patterson, L
0201 MWF.....10:00am-10:50am (AR 0131) — Brooks, L
0301 MWF.....2:00pm- 2:50pm (SSB 2205) — Gartin, P
0401 TuTh.....2:00pm- 3:15pm (E 2242) — Verchot, J
0501 TuTh.....11:00am-12:15pm (LL 0220) — Patterson, L

CJUS220 Investigation in Law Enforcement; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (AR 0126) — Wolman, B

CJUS230 Criminal Law in Action; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (LL 0220) — Ingraham, B
0201 TuTh.....2:00pm- 3:15pm (SSB 2208) — Ingraham, B

CJUS234 Criminal Procedure and Evidence; Grade Method: REG/P-F/AUD; Prerequisite: CJUS 230. — 3 credits
0101 TuTh.....9:30am-10:45am (AR 0135) — Wolman, B

CJUS300 Criminological and Criminal Justice Research Methods; Grade Method: REG; Prerequisites: CJUS 100, CRIM 200, and one of the following: SOCY 201, PSYC 200, ECON 421, EDMS 451 OR GVPT 422. — 3 credits
0101 MWF.....1:00pm- 1:50pm (Q 1102) — Brooks, L
0201 TuTh.....2:00pm- 3:15pm (Q 2108) — Gartin, P

CJUS320 (PermReq) Introduction to Criminalistics; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....6:00pm- 7:15pm (SSB 0208) — Mauriello, T
0201 TuTh.....7:30pm- 8:45pm (SSB 0208) — Mauriello, T

CJUS340 Concepts of Law Enforcement Administration; Grade Method: REG/P-F/AUD; Prerequisite: CJUS 100 or equivalent. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (Q 0200) — Uchida, C

CJUS350 Law Enforcement-Community Relations; Grade Method: REG/P-F/AUD; Prerequisite: CJUS 100 or equivalent. — 3 credits
0101 MWF.....12:00pm-12:50pm (A 0124) — Katzenelson, S

CJUS386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by August 1986; have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. — 1-3 credits

CJUS387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by Aug. 1986, have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. — 1-3 credits

CJUS389H (PermReq) Independent Research in Law Enforcement; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. For Honors students only. — 3 credits

CJUS398 (PermReq) Law Enforcement Field Training; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: junior standing, majors only, consent of instructor. — 1-3 credits

CJUS399 (PermReq) Directed Independent Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: senior standing, majors only, consent of instructor. — 1-3 credits

CJUS400 Criminal Courts; Grade Method: REG; Prerequisite: CJUS 100 or consent of instructor. — 3 credits
0101 MWF.....11:00am-11:50am (A 0124) — Ingraham, B

CJUS455 (PermReq) Dynamics of Planned Change in Criminal Justice I; Grade Method: REG; — 3 credits
0101 M.....2:00pm- 5:00pm (SSB 2220R) — Wellford, C

CJUS498D Selected Topics in Criminal Justice: Fundamental for Criminological Research; Grade Method: REG; — 3 credits
0101 M.....4:00pm- 6:45pm (SSB 1220) — Smith, D

CJUS600 Criminal Justice; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:45pm (SSB 1222) — Paternoster, R

CJUS699 (PermReq) Special Problems in Criminal Justice; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CJUS799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

---

CLAS Classics (Arts and Humanities)

The Classics department has adopted a new four-letter prefix (CLAS) which will serve to mark off in-translation courses from the courses in the Greek and Latin languages. Students who have previously taken one or more of these courses as a GREK or LATN course will not receive credit for taking them again as a CLAS course. CLAS courses do not count toward a major in Latin or a concentration in Greek.

CLAS170 Greek and Roman Mythology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Taught in English. — 3 credits
0101 TuTh.....9:30am-10:45am (N 2102) — Lee, H
0201 MWF.....9:00am- 9:50am (N 2102) — STAFF
0301 MWF.....11:00am-12:00pm (N 2102) — STAFF

CLAS320 Women in Classical Antiquity; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 MWF.....12:00pm-12:50pm (G 1116) — STAFF

CLAS370 Greek Literature in Translation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (LL 0105) — STAFF

CLAS470 Advanced Greek and Roman Mythology; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: CLAS 170. — 3 credits
0101 MWF.....1:00pm- 1:50pm (E 1229) — Staley, G
0201 MWF.....2:00pm- 2:50pm (E 1229) — Staley, G

CMLT Comparative Literature (Arts and Humanities)

CMLT415 The Old Testament As Literature; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (A 2101) — Rashkow, I

CMLT416 New Testament As Literature; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (A 2126) — Dungey, K

CMLT498F Selected Topics in Comparative Literature: Literary Criticism; Grade Method: REG; — 3 credits
0101 MWF.....10:00am-10:50am (A 1102) — Spector, S
0201 TuTh.....9:30am-10:45am (RR 0125) — Barry, J
0301 TuTh.....2:00pm- 3:15pm (RR 0117) — Barry, J

CMLT498J Selected Topics in Comparative Literature: Arthurian Legend; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (A 1101) — Herman, H

CMLT498K Selected Topics in Comparative Literature: Modern Fantasy and Science Fiction; Grade Method: REG/P-F/AUD; — 3 credits
0201 TuTh.....11:00am-12:15pm (A 0102) — Flieger, V

CMLT498M Selected Topics in Comparative Literature: Individual and Society; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LL 0105) — Rubin, V
Th.....11:00am-12:00pm (LL 1125)

CMLT498P Selected Topics in Comparative Literature: The Italian Opera Libretto; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (LL 2125) — Russell, C

CMLT498Q Selected Topics in Comparative Literature: Modern Drama; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (RR 0123) — Robinson, J

CMLT498T Selected Topics in Comparative Literature: Italian Cinema; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....2:00pm- 4:00pm (LL 0220) — Falvo, J
W.....2:00pm- 4:00pm (LL 2102)

CMLT601 Problems in Comparative Literature; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 6:30pm (LL 4223) — Heyndels, R

CMLT679A (PermReq) Seminar in Modern and Contemporary Literature: The Postwar Scene in Europe; Grade Method: REG/AUD; — 3 credits
0101 Meets 10/07/86 - 11/11/86 — STAFF
Tu.....1:30pm- 6:00pm (LL 1123)
Time and room to be arranged LAB

CMLT679B Seminar in Modern and Contemporary Literature: Theory and Practice of the Novel; Grade Method: REG/AUD; — 3 credits
0101 W.....4:00pm- 6:00pm (LL 4223) — Peterson, C
Time and room to be arranged DIS

CMLT679C Seminar in Modern and Contemporary Literature: Major Comic Writers--Moliere, Shakespeare, Kleist, and Others; Grade Method: REG/AUD; — 3 credits
0101 Meets 09/02/86 - 10/17/86 — Bentley, E
W.....2:00pm- 6:00pm (LL 4225)
Time and room to be arranged DIS

CMLT679F Seminar in Modern and Contemporary Literature: Pound and Lowell: Modernism in Poetry; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (A 2137) — Holton, W
Time and room to be arranged

CMLT679G Seminar in Modern and Contemporary Literature: Lawrence, Forster, and Woolf; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:00pm (A 2137) — Panichas, G
Time and room to be arranged

CMLT679J Seminar in Modern and Contemporary Literature: American Romance; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:00pm (A 2137) — Levine, R
Time and room to be arranged

CMLT679K Seminar in Modern and Contemporary Literature: Literature and Film; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:00pm (LL 4223) — Lifton, M
Time and room to be arranged DIS

CMLT682 Literary Criticism: Renaissance and Modern; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 6:00pm (A 0135) — Handelman, S
Time and room to be arranged

CMLT799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CMLT899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

CMSC Computer Science (Comp, Math, & Phys Sci)

CMSC103 Introduction to Computing; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (CSS 2324) — Mallory, R
0201 MWF.....1:00pm- 1:50pm (CSS 2324) — Mallory, R

CMSC103L Introduction to Computing; Grade Method: REG/P-F/AUD; Restricted to Liberal Arts in Business students. Permission of Arts and Humanities Provost. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (RR 3101) — Austing, R

CMSC110 Introduction to Fortran Programming; Grade Method: REG/P-F/AUD; CMSC majors need CMSC 112 — 4 credits
0101 TuTh.....9:30am-10:45am (CL 0111) — Mallory, R
WF.....4:00pm- 4:50pm (CL 0104) DIS
0102 TuTh.....9:30am-10:45am (CL 0111) — Mallory, R
WF.....4:00pm- 4:50pm (CL 0102) DIS
0103 TuTh.....9:30am-10:45am (CL 0111) — Mallory, R
WF.....12:00pm-12:50pm (CL 0102) DIS
0104 TuTh.....9:30am-10:45am (CL 0111) — Mallory, R
WF.....4:00pm- 4:50pm (CSS 2352) DIS

CMSC112 Computer Science I; Grade Method: REG/P-F/AUD; MATH 140 is corequisite. — 4 credits
0101 TuTh.....9:30am-10:45am (CSS 2324) — Zelkowitz, M
WF.....12:00pm-12:50pm (CL 0104) LAB
0102 TuTh.....9:30am-10:45am (CSS 2324) — Zelkowitz, M
WF.....12:00pm-12:50pm (CL 0109) LAB
0103 TuTh.....9:30am-10:45am (CSS 2324) — Zelkowitz, M
WF.....12:00pm-12:50pm (CSS 2330) LAB
0104 TuTh.....9:30am-10:45am (CSS 2324) — Zelkowitz, M
WF.....1:00pm- 1:50pm (CSS 2330) LAB
0105 TuTh.....9:30am-10:45am (CSS 2324) — Zelkowitz, M
WF.....1:00pm- 1:50pm (CL 0109) LAB
0201 TuTh.....11:00am-12:15pm (CSS 2324) — Zelkowitz, M
WF.....1:00pm- 1:50pm (CSS 2352) LAB
0202 TuTh.....11:00am-12:15pm (CSS 2324) — Zelkowitz, M
WF.....1:00pm- 1:50pm (CL 0102) LAB
0203 TuTh.....11:00am-12:15pm (CSS 2324) — Zelkowitz, M
WF.....4:00pm- 4:50pm (CL 0109) LAB
0204 TuTh.....11:00am-12:15pm (CSS 2324) — Zelkowitz, M
WF.....2:00pm- 2:50pm (CSS 2352) LAB
0205 TuTh.....11:00am-12:15pm (CSS 2324) — Zelkowitz, M
WF.....3:00pm- 3:50pm (CSS 2352) LAB

CMSC112H (PermReq) Computer Science I; Grade Method: REG/P-F/AUD; — 4 credits
0301 TuTh.....12:30pm- 1:45pm (CL 0109) — Mills, H
WF.....11:00am-12:00pm (CL 0102) LAB

CMSC113 Computer Science II; Grade Method: REG/P-F/AUD; MATH 141 is corequisite. — 4 credits
0101 TuTh.....12:30pm- 1:45pm (CSS 2324) — Gannon, J
WF.....12:00pm-12:50pm (CSS 2352) LAB
0102 TuTh.....12:30pm- 1:45pm (CSS 2324) — Gannon, J
WF.....10:00am-10:50am (CSS 2330) LAB
0103 TuTh.....12:30pm- 1:45pm (CSS 2324) — Gannon, J
WF.....8:00am- 8:50am (CSS 2352) LAB
0104 TuTh.....12:30pm- 1:45pm (CSS 2324) — Gannon, J
WF.....11:00am-11:50am (CL 0104) LAB
0105 TuTh.....12:30pm- 1:45pm (CSS 2324) — Gannon, J
WF.....8:00am- 8:50am (CL 0102) LAB
0106 TuTh.....12:30pm- 1:45pm (CSS 2324) — Gannon, J
WF.....11:00am-11:50am (CSS 2352) LAB

CMSC120 Introduction to Pascal Programming; Grade Method: REG/P-F/AUD; — 4 credits
0101 TuTh.....11:00am-12:15pm (CL 0111) — Kowalchack, B
WF.....11:00am-11:50am (CSS 2330) DIS

CMSC211 Assembly Language Programming; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 8:50am (CSS 2324) — Park, C
MW.....8:00am- 8:50am (CL 0111) DIS
0102 TuTh.....8:00am- 8:50am (CSS 2324) — Park, C
MW.....9:00am- 9:50am (CL 0104) DIS
0103 TuTh.....8:00am- 8:50am (CSS 2324) — Park, C
MW.....8:00am- 8:50am (CL 0104) DIS
0104 TuTh.....8:00am- 8:50am (CSS 2324) — Park, C
MW.....1:00pm- 1:50pm (CL 0104) DIS

CMSC220 Introduction to File Processing; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (CL 0111) — Eastman, R
0201 MW.....5:30pm- 6:45pm (T 0124) — Eastman, R

CMSC250 Introduction to Discrete Structures; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (CSS 2324) — Austing, R
0201 TuTh.....12:30pm- 1:45pm (CL 0111) — Fontecilla, R

CMSC311 (PermReq) Computer Organization; Grade Method: REG; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (CL 0111) — Wersan, S
0201 MW.....5:15pm- 6:30pm (CL 0111) — Preston, D

CMSC330 (PermReq) Organization of Programming Languages; Grade Method: REG; — 3 credits
0101 TuTh.....5:00pm- 6:00pm (CSS 2324) — Purtilo, J
Tu.....6:00pm- 6:50pm (CL 0102) DIS
0102 TuTh.....5:00pm- 6:00pm (CSS 2324) — Purtilo, J
Tu.....6:00pm- 6:50pm (CSS 2330) DIS
0103 TuTh.....5:00pm- 6:00pm (CSS 2324) — Purtilo, J
Tu.....7:00pm- 7:50pm (CL 0102) DIS
0104 TuTh.....5:00pm- 6:00pm (CSS 2324) — Purtilo, J
Tu.....7:00pm- 7:50pm (CSS 2330) DIS

0201 TuTh.....2:00pm- 3:00pm (CL 0111) Stotts, D
Th.....9:00am- 9:50am (II 1105) DIS
0202 TuTh.....2:00pm- 3:00pm (CL 0111) Stotts, D
Th.....10:00am-10:50am (II 1105) DIS
0203 TuTh.....2:00pm- 3:00pm (CL 0111) Stotts, D
Th.....10:00am-10:50am (CSS 2352) DIS
0204 TuTh.....2:00pm- 3:00pm (CL 0111) Stotts, D
Th.....9:00am- 9:50am (CSS 2352) DIS

CMSC386 (PermReq) Field Work; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. Need faculty sponsor first. — 1 credit

CMSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. Need faculty sponsor first. — 2 credits

CMSC390 (PermReq) Honors Paper; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

CMSC411 (PermReq) Computer System Architecture; Grade Method: REG; — 3 credits
0101 TuTh.....9:30am-10:45am (J 2107) Ricart, G
0201 TuTh.....11:00am-12:15pm (CSS 2330) Sharma, J
0301 TuTh.....4:00pm- 5:15pm (CSS 1113) Schultz, M
0401 MW.....2:00pm- 3:15pm (CL 0104) Bail, W
0501 TuTh.....4:00pm- 5:15pm (CL 0102) Plateau, B

CMSC412 (PermReq) Operating Systems; Grade Method: REG; — 3 credits
0101 MW.....2:00pm- 3:15pm (CSS 2324) Shankar, A
0201 TuTh.....9:00am-10:15am (CL 0104) Jalote, P

CMSC420 (PermReq) Data Structures; Grade Method: REG; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (J 2107) Knott, G
0201 MW.....2:00pm- 3:15pm (ULB 0117) Shaffer, C
0301 TuTh.....12:30pm- 1:45pm (CSS 2352) Faloutsos, C
0401 TuTh.....11:00am-12:15pm (CSS 2352) Furuta, R
0501 TuTh.....6:00pm- 7:15pm (CL 0109) Shapiro, B

CMSC424 (PermReq) Database Design; Grade Method: REG; — 3 credits
0101 MWF.....9:00am- 9:50am (CL 0109) Sellis, T
0201 TuTh.....3:30pm- 4:45pm (CSS 2352) Christensen, L
0301 TuTh.....12:30pm- 1:45pm (CL 0104) Minker, J

CMSC426 (PermReq) Image Processing; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (J 2107) Aloimonos, J

CMSC430 (PermReq) Theory of Language Translation; Grade Method: REG; — 3 credits
0201 TuTh.....8:00am- 9:15am (J 2107) Barth, C
0301 MWF.....10:00am-10:50am (CL 0102) Rombach, H

CMSC435 (PermReq) Software Design and Development; Grade Method: REG; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (CL 0109) Baker, F

CMSC450 (PermReq) Elementary Logic and Algorithms; Grade Method: REG; — 3 credits
0101 M.....10:00am-12:00pm (CL 0104) Steitz, P
F.....10:00am-10:50am (CL 0104)
0201 TuTh.....2:00pm- 3:15pm (CL 0102) Amir, A
0301 TuTh.....11:00am-12:15pm (CL 0109) Steitz, P

CMSC451 (PermReq) Design and Analysis of Computer Algorithms; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (J 2107) Mount, D

CMSC452 (PermReq) Elementary Theory of Computation; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (CSS 2330) Atchison, W
0201 MWF.....10:00am-10:50am (CL 0109) Smith, C
0301 TuTh.....9:30am-10:45am (J 1102) Oleary, D

CMSC456 (PermReq) Data Encryption and Security; Grade Method: REG/P-F; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 2330) Edmundson, H

CMSC460 (PermReq) Computational Methods; Grade Method: REG/P-F; Credit will be given for only one of the two courses - 460 or 470. — 3 credits
0101 TuTh.....11:00am-12:15pm (J 2107) King, H
0301 MWF.....1:00pm- 1:50pm (Y B0423) Kellogg, R

CMSC470 (PermReq) Numerical Mathematics: Analysis; Grade Method: REG/P-F; Credit will be given for only one of the two courses - 460 or 470. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 2352) Stewart, G
0201 MWF.....10:00am-10:50am (ITV 1111) Hubbard, B

CMSC471 (PermReq) Numerical Mathematics: Linear Algebra; Grade Method: REG/P-F; — 3 credits
0101 MWF.....11:00am-11:50am (ITV 1111) Osborn, J

CMSC475 (PermReq) Combinatorics and Graph Theory; Grade Method: REG/P-F; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (Y B0427) Alexander, J
0201 TuTh.....12:30pm- 1:45pm (J 2107) Atchison, W

CMSC498A (PermReq) Special Problems in Computer Science; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CMSC498B (PermReq) Special Problems in Computer Science: Introduction to Parallel Computation; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (CL 0102) Stewart, G

CMSC498C (PermReq) Special Problems in Computer Science: Probablistic Analysis of Algorithms; Grade Method: REG/AUD; — 1-3 credits
0101 TuTh.....5:00pm- 6:15pm (J 2107) Knott, G

CMSC498F (PermReq) Special Problems in Computer Science: Functional Programming; Grade Method: REG/P-F/AUD; Prerequisite: CMSC 420 or consent of instructor. — 3 credits
0101 MF.....12:30pm- 1:45pm (II 1105) Meeson, R

CMSC498L (PermReq) Special Problems in Computer Science: Mathematical Linguistics; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (CL 0102) Edmundson, H

CMSC612 (PermReq) Computer Systems Theory; Grade Method: REG/AUD; — 3 credits
0101 MW.....9:30am-10:45am (II 1105) Tripathi, S

CMSC620 (PermReq) Problem Solving Methods in Artificial Intelligence; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (CSS 2330) Kanal, L
0201 TuTh.....2:00pm- 3:15pm (CSS 2324) Nau, D

CMSC630 (PermReq) Theory of Programming Languages; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....9:30am-10;45am (CL 0102) Johnson, G

CMSC650 (PermReq) Theory of Computing; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (U 2140) Gasarch, W

CMSC651 (PermReq) Analysis of Algorithms; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CL 0104) Kruskal, C

CMSC725 (PermReq) Mathematical Linguistics; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (CL 0102) Edmundson, H

CMSC770 (PermReq) Advanced Linear Numerical Analysis; Grade Method: REG/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (CSS 2330) Elman, H

CMSC798A (PermReq) Graduate Seminar in Computer Science; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CMSC798C Graduate Seminar in Computer Science: Numerical Methods Topics; Grade Method: REG/AUD; — 1-3 credits
0101 TuTh.....2:00pm- 3:15pm (CL 0109) Fontecilla, R

CMSC799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CMSC818A (PermReq) Advanced Topics in Computer Systems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CMSC818B (PermReq) Advanced Topics in Computer Systems: Systems Performance; Grade Method: REG/AUD; — 1-3 credits
0101 MW.....11:00am-12:15pm (J 2107) Agrawala, A

CMSC828A (PermReq) Advanced Topics in Information Processing; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CMSC828B (PermReq) Advanced Topics in Information Processing: Parallel-Processing Models in AL; Grade Method: REG/AUD; — 1-3 credits
0101 Th.....12:30pm- 3:15pm (II 1105) Reggia, J

CMSC828C (PermReq) Advanced Topics in Information Processing: Probablistic Analysis of Algorithms; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....5:00pm- 6:15pm (J 2107) Knott, G

CMSC828D Advanced Topics in Information Processing: Natural-Language Processing; Grade Method: REG/AUD; — 1-3 credits
0101 TuTh.....11:00am-12:15pm (CL 0104) Hendler, J

CMSC828E (PermReq) Advanced Topics in Information Processing: User Interface Design; Grade Method: REG/AUD; Prerequisite: Consent of instructor. — 1-3 credits
0101 TuTh.....9:30am-10:45am (CL 0109) Shneiderman, B

CMSC828F Advanced Topics in Information Processing: Functional Programming; Grade Method: REG/AUD; Prerequisite: CMSC 420 or permission of instructor. — 3 credits
0101 MF.....12:30pm- 1:45pm (II 1105) Meeson, R

CMSC828G (PermReq) Advanced Topics in Information Processing: Quadtrees and Related Hierarchical Data Structures for Computer Graphics and Image Processing; Grade Method: REG/AUD; — 1-3 credits
0101 MW.....2:00pm- 3:15pm (CL 0102) Samet, H

CMSC838A (PermReq) Advanced Topics in Programming Languages; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CMSC838E (PermReq) Advanced Topics in Programming Languages: Specification and Design Techniques; Grade Method: REG/AUD; — 1-3 credits
0101 W.....3:30pm- 6:15pm (CSS 2330) Rombach, H

CMSC858A (PermReq) Advanced Topics in Theory of Computing; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CMSC858B (PermReq) Advanced Topics in Theory of Computing: VLSI Algorithms; Grade Method: REG; — 1-3 credits
0101 W.....2:00pm- 4:00pm (CL 0109) Amir, A

CMSC878A (PermReq) Advanced Topics in Numerical Methods; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CMSC878B (PermReq) Advanced Topics in Numerical Methods: Introduction to Parallel Computation; Grade Method: REG/AUD; — 1-3 credits
0101 TuTh.....12:30pm- 1:45pm (CL 0102) Stewart, G

CMSC899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

CNEC Consumer Economics — (Human Ecology)

CNEC100 Introduction to Consumer Economics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0301 MWF.....12:00pm-12:50pm (H 1400) Ruyle, N
0401 TuTh.....9:30am-10:45am (H 1400) Ruyle, N

CNEC310 Consumer Economics and Public Policy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: ECON 201 and 203. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (H 1304) Soberon-Ferrer,

CNEC396 Field Work and Analysis in Consumer Economics; Grade Method: S-F; Limited to department majors. — 3-6 credits
0101 Time and room to be arranged Dardis, R

CNEC400 Research Methods; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (H 1304) Chern, W

CNEC410 Consumer Finance; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement, Course will be offered in fall only. Prerequisites: ECON 201 and 203. — 3 credits
0101 MWF.....11:00am-11:50am (H 1304) Soberon-Ferrer,

CNEC431 The Consumer and the Law; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Limited to juniors and seniors only. — 3 credits
0101 M.....6:00pm- 8:30pm (H 1400) Powell, C
0301 Tu.....6:00pm- 8:30pm (H 1400) Goldberg, F
0601 Th.....3:30pm- 6:00pm (H 1400) Brannigan, V

CNEC437 Consumer Behavior; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: PSYC 100 and SOCY 100. Limited to juniors and seniors only. — 3 credits
0201 TuTh.....11:00am-12:15pm (AR 0110) Ettenson, R
0301 W.....6:00pm- 8:30pm (H 1304) Morris, L

CNEC456 Product Liability and Government Regulation; Grade Method: REG/P-F/AUD; Course will not be offered in spring semester. — 3 credits
0101 W.....3:00pm- 5:30pm (H 1304) Brannigan, V

CNEC457 Product Safety; Grade Method: REG/P-F/AUD; Course will not be offered in spring semester. — 3 credits
0101 M.....3:30pm- 6:00pm (H 3418) Fise, M

CNEC488 (PermReq) Senior Honors Thesis; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

CNEC498 (PermReq) Special Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2-4 credits

---

COOP Cooperative Education Program — (Undergraduate Studies)

COOP208 Coop Work Experience I; Grade Method: S-F; Student must register for COOP209 concurrently. For information contact Experiential Learning Programs, 0119 Undergraduate Library. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. — No credit
0101 Time and room to be arranged Winick, H

COOP209 Coop Work Experience II; Grade Method: S-F; Student must register for COOP208 concurrently. For information contact Experiential Learning Programs, 0119 Undergraduate Library. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. — No credit
0101 Time and room to be arranged Winick, H

CRIM Criminology — (Behavior + Social Sci)

CRIM220 Criminology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (C 1402) Kazyaka, A
0201 MWF.....1:00pm- 1:50pm (A 0124) Katzenelson, S
0301 MWF.....11:00am-11:50am (NN 2154) Kazyaka, A

CRIM359 (PermReq) Field Training in Criminology and Corrections; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: CRIM 220 and CRIM 450, majors only and consent of instructor. — 1-3 credits

CRIM360 Victimology; Grade Method: REG; Prerequisite: CRIM 220, or consent of instructor. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (Q 1102) Young, V

CRIM386 (PermReq) Field Work; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Have junior standing by Aug 1986, have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. — 1-3 credits

CRIM387 (PermReq) Field Work Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by Aug 1986, have a 3.2 cumulative GPA, earned a grade of 'A' in the course in which assisting. — 1-3 credits

CRIM389H (PermReq) Independent Research in Criminology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: for Honors students only and consent of instructor. — 3 credits

CRIM399 (PermReq) Independent Study in Criminology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written consent of faculty under whose direction the study is to be performed, and at least twelve hours of criminology credits. — 1-3 credits

CRIM450 (PermReq) Juvenile Delinquency; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (Q 0200) Paternoster, R
0201 TuTh.....8:00am- 9:15am (SSB 2166) Iovanni, L
0301 MWF.....2:00pm- 2:50pm (Q 1101) Iovanni, L

CRIM451 Crime and Delinquency Prevention; Grade Method: REG/P-F/AUD; Prerequisites: CRIM 220 or CRIM 450 or consent of instructor. — 3 credits
0101 MWF.....9:00am- 9:50am (AR 0112) Maida, P

CRIM452 Treatment of Criminals and Delinquents in the Community; Grade Method: REG/P-F/AUD; Prerequisites: CRIM 220 or CRIM 450 or consent of instructor. — 3 credits
0101 MWF.....10:00am-10:50am (LL 0105) Katzenelson, S

CRIM453 Institutional Treatment of Criminals and Delinquents; Grade Method: REG/P-F/AUD; Prerequisites: CRIM 220 or CRIM 450 or consent of instructor. — 3 credits
0101 TuTh.....11:00am-12:15pm (Q 1101) Maida, P

CRIM454 Contemporary Criminological Theory; Grade Method: REG/P-F/AUD; Prerequisite: CRIM 220 and 450 and one additional course selected from CRIM451, 452, or 453. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (SSB 2208) Maida, P

CRIM498A Selected Topics in Criminology: Women and Crime; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (Q 2100) Young, V

CRIM498D Selected Topics in Criminology: Fundamental for Criminological Research; Grade Method: REG; — 3 credits
0101 M.....4:00pm- 6:45pm (SSB 1220) Smith, D

CRIM650 Advanced Criminology; Grade Method: REG; — 3 credits
0101 Tu.....4:00pm- 6:45pm (SSB 2220R) Loftin, C

CRIM652 Seminar in Juvenile Delinquency; Grade Method: REG; — 3 credits
0101 W.....4:00pm- 6:45pm (SSB 1220) Guttfredson, D

CRIM699 (PermReq) Special Criminological Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CRIM799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CRIM899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

DANC Dance — (Arts and Humanities)

DANC100 Modern Dance I For Non-Majors; Grade Method: REG/P-F/AUD; — 2 credits
0101 MWF.....10:00am-10:50am (EE 1115) LAB Mayes, A
0102 MWF.....12:00pm-12:50pm (W 2102) LAB Ryder, M
0103 MWF.....1:00pm- 1:50pm (W 2102) LAB Warren, A
0104 MWF.....2:00pm- 2:50pm (W 2102) LAB Jackson, P
0105 TuTh.....9:30am-10:45am (AA 1103) LAB Rutter, L
0106 TuTh.....11:00am-12:15pm (AA 1103) LAB Jackson, P
0107 TuTh.....12:30pm- 1:45pm (EE 1115) LAB Ryder, M
0108 TuTh.....6:00pm- 7:30pm (AA 1103) LAB Mayes, A

DANC102 Rhythmic Training For Dance; Grade Method: REG/P-F/AUD; Majors have priority. Non-majors admitted on a space available basis. — 2 credits
0101 TuTh.....11:00am-12:15pm (EE 1115) LAB Johnson, I

DANC104 Modern Dance II For Non-Majors; Grade Method: REG/P-F/AUD; Prerequisite: DANC 100. — 2 credits
0101 MWF.....9:00am- 9:50am (AA 1103) LAB Ryder, M
0102 MWF.....2:00pm- 2:50pm (AA 1103) LAB Ryder, M

DANC109 Improvisation I; Grade Method: REG/P-F/AUD; Majors have priority. Non-majors admitted on a space available basis. — 2 credits
0101 TuTh.....9:30am-10:45am (EE 1115) LAB Rosen, M

DANC124 Ballet I For Non-Majors; Grade Method: REG/P-F/AUD; — 2 credits
0101 MWF.....9:00am- 9:50am (W 2102) LAB Druker, S
0102 MWF.....10:00am-10:50am (W 2102) LAB Druker, S
0103 MWF.....11:00am-11:50am (W 2102) LAB Druker, S

DANC127 Ballet II For Non-majors; Grade Method: REG/P-F/AUD; Prerequisite: DANC 124. — 2 credits
0101 TuTh.....9:30am-10:45am (W 2102) LAB Haigler de Robl

DANC128 (PermReq) Ballet I For Majors Only; Grade Method: REG/P-F/AUD; Non-majors admitted on a space available basis. — 2 credits
0101 TuTh.....2:00pm- 3:15pm (W 2102) LAB Druker, S

DANC129 Ballet II For Majors Only; Grade Method: REG/P-F/AUD; Prerequisite: DANC 128. Non-majors admitted on a space available basis. — 2 credits
0101 TuTh.....11:00am-12:15pm (W 2102) LAB Druker, S

DANC148 (PermReq) Modern Dance I For Majors Only; Grade Method: REG/P-F/AUD; Non-majors admitted on a space available basis. — 3 credits
0101 MWF.....11:00am-12:30pm (AA 1103) LAB Wiltz, A

DANC149 Modern Dance II For Majors Only; Grade Method: REG/P-F/AUD; Prerequisite: DANC 148. — 3 credits
0101 MWF.....12:30pm- 1:50pm (AA 1103) LAB Mayes, A

DANC158 (PermReq) Jazz I For Majors Only; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....12:30pm- 1:45pm (AA 1103) LAB Rutter, L

DANC171 Movement Integration; Grade Method: REG/P-F/AUD; — 2 credits

0101 MWF.....10:00am-10:50am (AA 1103) Dunn, R

DANC199 (PermReq) Dance Workshop I; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

DANC199A Dance Workshop I: Practicum in Choreography,Production,and Performance Tap Dance; Grade Method: REG/P-F/AUD; 2 credits
1201 TuTh..... ..2:00pm- 3:15pm (AA 1103) Keech, M

DANC200 Introduction to Dance; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Lecture/discussion only - no studio activity. 3 credits
0101 MWF.....11:00am-11:50am (AA 1124) Rutter, L
0201 MWF.....3:00pm- 3:50pm (AA 1124) Sommers, P
0301 TuTh.....12:30pm- 1:45pm (AA 1124) Haigler de Robl
0401 TuTh.....2:00pm- 3:15pm (AA 1124) Dunn, R

DANC208 Choreography I; Grade Method: REG/P-F/AUD; Prerequisites: DANC 102 and 109. 3 credits
0101 MWF.....3:30pm- 4:50pm (W 2102) LAB Dunn, R

DANC210 Dance Production I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....3:30pm- 5:00pm (EE 1115) Covey, D

DANC228 Ballet III; Grade Method: REG/P-F/AUD; Prerequisite: DANC 129 or audition. 2 credits
0101 TuTh.....12:30pm- 1:45pm (W 2102) LAB Druker, S

DANC229 Ballet IV; Grade Method: REG/P-F/AUD; Prerequisite: DANC 228 or audition. 2 credits
0101 TuTh.....12:30pm- 1:45pm (W 2102) LAB Druker, S

DANC248 Modern Dance III For Majors Only; Grade Method: REG/P-F/AUD; Prerequisite: DANC 149 or audition. 3 credits
0101 MWF.....11:00am-12:20pm (EE 1115) LAB Warren, A

DANC249 Modern Dance IV; Grade Method: REG/P-F/AUD; Prerequisite: DANC248 or audition. 3 credits
0101 MWF.....12:30pm- 1:50pm (EE 1115) LAB Rosen, M

DANC258 (PermReq) Jazz II; Grade Method: REG/P-F/AUD; Prerequisite: DANC 154 or 158 and 104 or 149. Majors have priority, non-majors admitted on a space available basis. 2 credits
0101 TuTh.....3:30pm- 4:45pm (AA 1103) LAB Mayes, A

DANC266 Dance Notation I; Grade Method: REG/P-F/AUD; Prerequisite: DANC 102 and 100 or 148. 3 credits
STAFF
0101 TuTh.....2:00pm- 3:15pm (EE 1115) LAB Warren, A

DANC299 (PermReq) Dance Workshop II; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite - DANC 199. 1-2 credits

DANC305 Principles of Teaching Dance; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (AA 1124) LAB Haigler de Robl

DANC308 Choreography II; Grade Method: REG/P-F/AUD; Prerequisite: DANC 208. 3 credits
0101 MWF.....3:30pm- 5:00pm (AA 1103) LAB Warren, A

DANC348 Modern Dance V; Grade Method: REG/P-F/AUD; Prerequisite: DANC 249 or audition. 3 credits
0101 MWF.....2:00pm- 3:20pm (EE 1115) LAB Butler, E

DANC349 Modern Dance VI; Grade Method: REG/P-F/AUD; Prerequisite: DANC 348. 3 credits
0101 MWF.....2:00pm- 3:20pm (EE 1115) LAB Butler, E

DANC379 (PermReq) Practicum in Dance; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Warren, A
0201 Time and room to be arranged Rosen, M

DANC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

DANC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

DANC388 Choreography III; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Rosen, M

DANC398 (PermReq) Directed Studies in Dance; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of chairperson. 1-6 credits

DANC399 (PermReq) Dance Workshop III; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 299. 1-2 credits

DANC410 Dance Production II; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Jackson, P

DANC471 Movement Behavior; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (AA 1124) Rutter, L

DANC483 History of Dance II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (AA 1124) Sommers, P

DANC499 (PermReq) Dance Workshop IV: Practicum; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 399. 1-6 credits

---

DHCR Human and Community Resources (Phys Ed, Recr, & Health)

DHCR386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Individual instruction course. Contact the Center on Aging, 1120 Francis Scott Key. 1-3 credits

DHCR387 Field Work Analysis; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Pollack, S

DHCR400 The Future of the Human Community; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: Student must first complete USP Distributive Studies Requirement in Social and Behavioral Science (D). 3 credits
0101 Th.....4:15pm- 7:00pm (A 2108) Hopkins, R
0201 Tu.....4:15pm- 7:00pm (RR 0125) Lindsay, R

DHCR688 (PermReq) Field Work in Aging; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

---

ECON Economics (Behavior + Social Sci)

ECON10S Economics of Social Problems; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not open to students who have previously earned 6 or more credits in economics. 3 credits
0101 TuTh.....11:00am-12:15pm (N 2101) Straszheim, M

ECON201 Principles of Economics I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not open to students who have credit for ECON 205. 3 credits
0101 MWF.....9:00am- 9:50am (R 0104) STAFF
0201 MWF.....8:00am- 8:50am (Q 1128) STAFF
0301 MWF.....12:00pm-12:50pm (Q 1114) STAFF
0401 MWF.....12:00pm-12:50pm (Q 2110) STAFF
0501 MWF.....10:00am-10:50am (Q 2110) STAFF
0601 MWF.....2:00pm- 2:50pm (Q 1128) STAFF
0701 TuTh.....8:00am- 9:15am (Q 1128) STAFF
0801 TuTh.....3:30pm- 4:45pm (R 0104) STAFF
0901 TuTh.....2:00pm- 3:15pm (R 1114) STAFF
1001 TuTh.....12:30pm- 1:45pm (R 0104) STAFF
1101 MWF.....1:00pm- 1:50pm (Q 1114) STAFF
1201 MWF.....11:00am-11:50am (R 1101) STAFF
1301 MWF.....1:00pm- 1:50pm (Q 1128) STAFF
1401 MWF.....3:00pm- 3:50pm (Q 1128) STAFF
1501 TuTh.....2:00pm- 3:15pm (R 0104) STAFF
1601 TuTh.....9:30am-10:45am (Q 2111) STAFF
1701 TuTh.....8:00am- 9:15am (Q 2108) STAFF
1801 TuTh.....3:30pm- 4:45pm (Q 1114) STAFF
1901 MWF.....9:00am- 9:50am (SSB 1221) STAFF
2001 TuTh.....10:00am-10:50am (Q 0130) Brechling, F
M.....10:00am-10:50am (G 1105) DIS
2002 TuTh.....10:00am-10:50am (Q 0130) Brechling, F
W.....11:00am-11:50am (G 1105) DIS
2003 TuTh.....10:00am-10:50am (Q 0130) Brechling, F
W.....11:00am-11:50am (H 0108) DIS
2004 TuTh.....10:00am-10:50am (Q 0130) Brechling, F
F.....9:00am- 9:50am (ZP 1236) DIS
2005 TuTh.....10:00am-10:50am (Q 0130) Brechling, F
W.....2:00pm- 2:50pm (H 1304) DIS
2006 TuTh.....10:00am-10:50am (Q 0130) Brechling, F
W.....1:00pm- 1:50pm (ARC 1127) DIS
2007 TuTh.....10:00am-10:50am (Q 0130) Brechling, F
M.....10:00am-10:50am (G 1104) DIS
2009 TuTh.....10:00am-10:50am (Q 0130) Brechling, F
F.....10:00am-10:50am (GG 3110) DIS
2010 TuTh.....10:00am-10:50am (Q 0130) Brechling, F
W.....10:00am-10:50am (G 1105) DIS
2011 TuTh.....10:00am-10:50am (Q 0130) Brechling, F
M.....11:00am-11:50am (H 0108) DIS
2014 TuTh.....10:00am-10:50am (Q 0130) Brechling, F
F.....10:00am-10:50am (Q 2102) DIS
2015 TuTh.....10:00am-10:50am (Q 0130) Brechling, F
F.....2:00pm- 2:50pm (Q 1132) DIS
2016 TuTh.....10:00am-10:50am (Q 0130) Brechling, F
F.....11:00am-11:50am (Q 1132) DIS
2017 TuTh.....10:00am-10:50am (Q 0130) Brechling, F
W.....10:00am-10:50am (Q 2100) DIS
2018 TuTh.....10:00am-10:50am (Q 0130) Brechling, F
F.....9:00am- 9:50am (Q 1118) DIS
2102 MW.....11:00am-11:50am (Q 0130) Kiguel, M
M.....9:00am- 9:50am (Q 1132) DIS
2103 MW.....11:00am-11:50am (Q 0130) Kiguel, M
F.....10:00am-10:50am (Q 2100) DIS
2104 MW.....11:00am-11:50am (Q 0130) Kiguel, M
M.....12:00pm-12:50pm (SSB 1208) DIS
2106 MW.....11:00am-11:50am (Q 0130) Kiguel, M
M.....10:00am-10:50am (ZP 1124) DIS
2108 MW.....11:00am-11:50am (Q 0130) Kiguel, M
M.....1:00pm- 1:50pm (GG 0104) DIS
2109 MW.....11:00am-11:50am (Q 0130) Kiguel, M
F.....12:00pm-12:50pm (Q 1118) DIS
2110 MW.....11:00am-11:50am (Q 0130) Kiguel, M
W.....9:00am- 9:50am (Q 1132) DIS
2111 MW.....11:00am-11:50am (Q 0130) Kiguel, M
F.....9:00am- 9:50am (Q 2102) DIS
2112 MW.....11:00am-11:50am (Q 0130) Kiguel, M
W.....9:00am- 9:50am (H 0108) DIS
2113 MW.....11:00am-11:50am (Q 0130) Kiguel, M
M.....9:00am- 9:50am (Q 2100) DIS
2114 MW.....11:00am-11:50am (Q 0130) Kiguel, M
F.....1:00pm- 1:50pm (Q 1132) DIS
2115 MW.....11:00am-11:50am (Q 0130) Kiguel, M
F.....9:00am- 9:50am (Q 2109) DIS
2116 MW.....11:00am-11:50am (Q 0130) Kiguel, M
M.....10:00am-10:50am (Q 2100) DIS
2118 MW.....11:00am-11:50am (Q 0130) Kiguel, M
W.....12:00pm-12:50pm (G 1105) DIS
2119 MW.....11:00am-11:50am (Q 0130) Kiguel, M
F.....11:00am-11:50am (Q 2100) DIS
2200 MWF.....10:00am-10:50am (AR 0117) STAFF

ECON203 Principles of Economics II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Students are advised to take ECON 201 before ECON 203. 3 credits
0101 MWF.....12:00pm-12:50pm (Q 2108) STAFF
0201 MWF.....10:00am-10:50am (R 0104) STAFF
0301 MWF.....1:00pm- 1:50pm (Q 0101) STAFF
0401 MWF.....11:00am-11:50am (R 0104) STAFF
0501 MWF.....1:00pm- 1:50pm (Q 2110) STAFF
0601 TuTh.....5:00pm- 6:15pm (Q 0101) STAFF
0701 MWF .....11:00am-11:50am (F 1102) STAFF
0801 TuTh.....8:00am- 9:15am (Q 1114) STAFF
0901 TuTh.....8:00am- 9:15am (R 0104) STAFF
1001 TuTh.....3:30pm- 4:45pm (Q 0101) STAFF
1101 TuTh.....2:00pm- 3:15pm (G 1104) STAFF
1201 TuTh.....8:00am- 9:15am (Q 2110) STAFF
1301 MWF.....9:00am- 9:50am (Q 1128) STAFF
1401 MWF.....8:00am- 8:50am (Q 1114) STAFF
1501 TuTh.....11:00am-12:15pm (R 0104) STAFF
1601 MWF.....2:00pm- 2:50pm (Q 0101) STAFF
1701 MWF.....10:00am-10:50am (Q 1128) STAFF
1801 TuTh.....3:30pm- 4:45pm (Q 1128) STAFF
2101 TuTh.....2:00pm- 2:50pm (Q 0130) Murrell, P
M.....11:00am-11:50am (ZP 1124) DIS
2102 TuTh.....2:00pm- 2:50pm (Q 0130) Murrell, P
M.....1:00pm- 1:50pm (ZP 1124) DIS
2103 TuTh.....2:00pm- 2:50pm (Q 0130) Murrell, P
M.....9:00am- 9:50am (ZP 1124) DIS
2104 TuTh.....2:00pm- 2:50pm (Q 0130) Murrell, P
F.....10:00am-10:50am (Q 1118) DIS
2105 TuTh.....2:00pm- 2:50pm (Q 0130) Murrell, P
F.....9:00am- 9:50am (H 0108) DIS
2106 TuTh.....2:00pm- 2:50pm (Q 0130) Murrell, P
F.....11:00am-11:50am (Q 1118) DIS
2107 TuTh.....2:00pm- 2:50pm (Q 0130) Murrell, P
W.....1:00pm- 1:50pm (G 1105) DIS
2108 TuTh.....2:00pm- 2:50pm (Q 0130) Murrell, P
F.....12:00pm-12:50pm (SSB 1208) DIS
2109 TuTh.....2:00pm- 2:50pm (Q 0130) Murrell, P
W.....11:00am-11:50am (Q 2100) DIS
2110 TuTh.....2:00pm- 2:50pm (Q 0130) Murrell, P
W.....10:00am-10:50am (G 1104) DIS
2111 TuTh.....2:00pm- 2:50pm (Q 0130) Murrell, P
M.....1:00pm- 1:50pm (AR 0105) DIS
2113 TuTh.....2:00pm- 2:50pm (Q 0130) Murrell, P
F.....9:00am- 9:50am (Q 1132) DIS
2114 TuTh.....2:00pm- 2:50pm (Q 0130) Murrell, P
F.....1:00pm- 1:50pm (Q 2100) DIS
2116 TuTh.....2:00pm- 2:50pm (Q 0130) Murrell, P
W.....9:00am- 9:50am (Q 2100) DIS
2117 TuTh.....2:00pm- 2:50pm (Q 0130) Murrell, P
F.....12:00pm-12:50pm (GG 3112) DIS

ECON205 Fundamentals of Economics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not open to students who have credit for ECON 201. 3 credits
0701 MW.....9:00am- 9:50am (Q 0130) Rossman, J
Th.....2:00pm- 2:50pm (Z 4208) DIS
0702 MW.....9:00am- 9:50am (Q 0130) Rossman, J
F.....8:00am- 8:50am (Q 2100) DIS
0703 MW.....9:00am- 9:50am (Q 0130) Rossman, J
F.....9:00am- 9:50am (Q 2100) DIS
0704 MW.....9:00am- 9:50am (Q 0130) Rossman, J
F.....12:00pm-12:50pm (GG 0100) DIS
0705 MW.....9:00am- 9:50am (Q 0130) Rossman, J
M.....1:00pm- 1:50pm (C 0124) DIS
0706 MW.....9:00am- 9:50am (Q 0130) Rossman, J
F.....1:00pm- 1:50pm (SSB 1208) DIS
0707 MW.....9:00am- 9:50am (Q 0130) Rossman, J
F.....2:00pm- 2:50pm (Q 2100) DIS
0708 MW.....9:00am- 9:50am (Q 0130) Rossman, J
F.....10:00am-10:50am (Q 1132) DIS
0709 MW.....9:00am- 9:50am (Q 0130) Rossman, J
W.....10:00am-10:50am (H 3418) DIS
0710 MW.....9:00am- 9:50am (Q 0130) Rossman, J
W.....1:00pm- 1:50pm (C 0124) DIS
0711 MW.....9:00am- 9:50am (Q 0130) Rossman, J
W.....8:00am- 8:50am (Q 1132) DIS
0712 MW.....9:00am- 9:50am (Q 0130) Rossman, J
F.....11:00am-11:50am (RR 0124) DIS
0713 MW.....9:00am- 9:50am (Q 0130) Rossman, J
F.....3:00pm- 3:50pm (Q 2100) DIS
0714 MW.....9:00am- 9:50am (Q 0130) Rossman, J
W.....2:00pm- 2:50pm (G 1105) DIS
0715 MW.....9:00am- 9:50am (Q 0130) Rossman, J
M.....10:00am-10:50am (GG 3110) DIS

ECON301 Current Issues in American Economic Policy; Grade Method: REG/P-F/AUD; Prerequisite: ECON 201 or ECON 205 3 credits
0101 MWF.....9:00am- 9:50am (Q 0117) Ulmer, M
0201 MWF.....12:00pm-12:50pm (Q 1101) STAFF

ECON310 Evolution of Modern Capitalism in Western Europe and the United States; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (AR 0126) Rossman, J

ECON311 American Economic Development; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisites: ECON 201 and 203; or ECON 205. 3 credits
0101 TuTh.....11:00am-12:15pm (Q 0117) Wallis, J
0201 TuTh.....2:00pm- 3:15pm (G 1116) Wallis, J

ECON361 Economics of American Industries; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and 203; or ECON 205. 3 credits
0101 MWF.....2:00pm- 2:50pm (Q 2106) Kessides, I

ECON370 Labor Markets, Human Resources, and Trade Unions; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and 203; or ECON205. Credit will be given for only one course: ECON 370 or ECON 470. 3 credits
0101 MWF.....2:00pm- 2:50pm (Q 2111) Knight, R
0201 MWF.....12:00pm-12:50pm (Q 0117) Knight, R
0301 TuTh.....9:30am-10:45am (Q 1114) STAFF

ECON374 Sex Roles in Economic Life; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. 3 credits
0101 MWF.....1:00pm- 1:50pm (N 2102) STAFF
0201 TuTh.....11:00am-12:15pm (Q 2111) Bergmann, B

ECON375 Economics of Poverty and Discrimination; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. 3 credits
0101 MWF.....11:00am-11:50am (Q 0117) STAFF

ECON385 Economics of Natural Resources; Grade Method: REG/P-F/AUD; Prerequisites: ECON 205 or ECON 203. 3 credits
0101 MWF.....9:00am- 9:50am (Q 1114) STAFF

ECON396 Independent Honors Study; Grade Method: REG/P-F/AUD; Prerequisite: Candidacy for honors in economics or by permission of instructor. 3 credits
0101 Tu.....2:00pm- 4:30pm (Q 1136) Oates, W

ECON397 Honors Thesis; Grade Method: REG/P-F/AUD; Prerequisites: ECON 396 and candidacy for honors in economics. 3 credits
0101 Time and room to be arranged Straszheim, M

ECON398D Topics in Economics: Computer Methods in Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and 203; or ECON 205. 3 credits
0101 TuTh.....9:30am-10:45am (Q 1132) Bergmann, B

ECON399 Individual Reading and Research For Undergraduates; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor must be arranged in advance. Open only to students who have previously earned 6 or more credits in upper division economics courses. 3 credits

ECON401 National Income Analysis; Grade Method: REG/P-F/AUD; Credit will be given for only one course: ECON 401 or ECON 405. Prerequisites: ECON 201 and 203. 3 credits
0101 MWF.....10:00am-10:50am (Q 2106) Haliassos, M
0201 TuTh.....12:30pm- 1:45pm (Q 2106) Harris Jr, C
0301 MWF.....8:00am- 8:50am (Q 2106) STAFF
0401 MWF.....9:00am- 9:50am (Q 2111) Meyer, P
0501 MWF.....11:00am-11:50am (Q 2111) Haliassos, M
0601 TuTh.....2:00pm- 3:15pm (Q 2111) Almon Jr, C

ECON402 Business Cycles; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ECON 430. 3 credits
0101 TuTh.....11:00am-12:15pm (Q 1128) Almon Jr, C
0201 TuTh.....8:00am- 9:15am (Q 2111) Sabelhaus, J
0301 Tu.....6:30pm- 9:00pm (Q 1128) Taylor, P

ECON403 Intermediate Price Theory; Grade Method: REG/P-F/AUD; Credit will be given for only one course: ECON 403 or ECON 406. Prerequisites: ECON 201 and ECON 203. 3 credits
0101 MWF.....11:00am-11:50am (Q 0101) Verma, S
0201 TuTh.....11:00am-12:15pm (Q 0101) Madan, D
0301 TuTh.....8:00am- 9:15am (Q 0101) STAFF
0401 MWF.....12:00pm-12:50pm (Q 0101) Verma, S
0501 TuTh.....12:30pm- 1:45pm (Q 2111) STAFF
0601 MWF..... 9:00am- 9:50am (Q 0101) Verma S
0701 MWF.....10:00am-10:50am (Q 2111) Knight, R

ECON406 Intermediate Micro-economic Theory; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201, ECON 203 and MATH 220 or its equivalent. Credit will be given for only one course: ECON 403 or ECON 406. 3 credits
0101 MWF.....1:00pm- 1:50pm (Q 2111) Schwab, R

ECON415 Introduction to Economic Development of Underdeveloped Areas; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: ECON 201 and ECON 203; or ECON 205. 3 credits
0101 TuTh.....12:30pm- 1:45pm (Q 0101) Avin, R
0201 TuTh.....11:00am-12:15pm (Q 1114) Succar, P
0301 MWF.....11:00am-11:50am (Q 1128) Avin, R
0401 TuTh.....2:00pm- 3:15pm (Q 1114) Avin, R

ECON421 Economic Statistics; Grade Method: REG/P-F/AUD; Prerequisite: MATH 110 or equivalent. Not open to students who have taken BMGT 230 or BMGT 231. 3 credits
0101 MWF.....10:00am-10:50am (Q 1114) Hovis, J
0201 TuTh.....12:30pm- 1:45pm (Q 2110) Betancourt, R
0301 MWF.....11:00am-11:50am (Q 2110) STAFF

ECON422 Quantitative Methods in Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201, ECON 203, and ECON 421 (or BMGT 230); or permission of instructor. 3 credits
0101 TuTh.....9:30am-10:45am (Q 0101) Prucha, I

ECON425 Mathematical Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 401, ECON 403, and one year of college math. 3 credits
0201 TuTh.....12:30pm- 1:45pm (Q 1114) Madan, D

ECON430 Money and Banking; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203. Credit will be given for only one course: ECON 430 or ECON 431. 3 credits
0101 MWF.....12:00pm-12:50pm (Q 0130) Meyer, P
0201 TuTh.....8:00am- 9:15am (Q 2106) Fahim-Nader, M
0301 TuTh.....8:00am- 9:15am (Q 0102) Anderson, G
0401 MWF.....12:00pm-12:50pm (Q 1128) Huh, G
0501 MWF.....10:00am-10:50am (Q 0101) Huh, G
0601 MWF.....11:00am-11:50am (Q 1114) Huh, G

ECON440 International Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203. Credit will be given for only one course: ECON 440 or ECON 441. 3 credits
0201 MWF.....9:00am- 9:50am (Q 2106) Iqbal, S
0301 TuTh.....2:00pm- 3:15pm (Q 2106) Fahim-Nader, M
0401 MWF.....2:00pm- 2:50pm (Q 1114) STAFF
0501 TuTh.....3:30pm- 4:45pm (Q 2111) Fahim-Nader, M

ECON441 Theory of International Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 401 or ECON 405 and ECON 403 or ECON 406. Credit will be given for only one course: ECON 440 or ECON 441. 3 credits
0101 TuTh.....2:00pm- 3:15pm (Q 1128) Panagariya, A

ECON450 Introduction to Public Sector Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. Credit will be given for only one course: ECON 450 or ECON 454. 3 credits
0101 TuTh.....9:30am-10:45am (Q 1128) McGuire, M

ECON460 Industrial Organization; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. 3 credits
0101 TuTh.....2:00pm- 3:15pm (Q 2110) Succar, P

ECON484 The Economy of China; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and 203, or ECON 205. 3 credits
0101 MWF.....9:00am- 9:50am (Q 2110) STAFF

ECON490 Survey of Urban Economic Problems and Policies; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: ECON 201 and ECON 203; or ECON 205. 3 credits
0101 TuTh.....9:30am-10:45am (Q 2106) Straszheim, M

ECON601 Macro-economic Analysis; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (Q 1132) Brechling, F
Th.....6:30pm- 8:30pm (Q 2111) DIS

0201 W.....6:00pm- 8:40pm (Q 1132) Kole, L
F.....1:00pm- 3:00pm (Q 2109) DIS

ECON603 Micro-economic Analysis I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (Q 2110) Betancourt, R
Tu.....5:00pm- 6:30pm (Q 1114) DIS
0201 MW.....10:00am-11:15am (Q 1132) Schwab, R
Tu.....5:00pm- 6:15pm (Q 1128) DIS

ECON606 History of Economic Thought; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (Q 2110) Dillard, D

ECON611 Seminar in American Economic Development; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:40pm (Q 1132) Wallis, J

ECON615 Economic Development of Underdeveloped Areas; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (Q 1128) Clague, C

ECON621 Quantitative Economics I; Grade Method: REG/AUD; 3 credits
0201 TuTh.....12:30pm- 1:45pm (Q 1132) Kelejian, H
M.....4:00pm- 5:30pm (Q 1128) DIS

ECON623 Econometrics I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (Q 2140) Prucha, I
M.....5:00pm- 6:15pm (Q 1132) DIS

ECON661 The Corporate Firm; Grade Method: REG/AUD; 3 credits
0101 MW.....12:30pm- 1:45pm (Q 1132) Kessides, I

ECON698 (PermReq) Selected Topics in Economics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ECON698A (PermReq) Selected Topics in Economics: Workshop in Applied Econometrics; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (Q 2100) Almon Jr, C

ECON698G Selected Topics in Economics: Sloan Workshop; Grade Method: REG/AUD; 3 credits
0101 M.....3:30pm- 6:00pm (Q 2106) Hulten, C

ECON698M Selected Topics in Economics: Workshop in Applied Economics; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:00pm (Q 1114) Olson, M

ECON698P Selected Topics in Economics: Workshop in Trade and Development; Grade Method: REG/AUD; 3 credits
0101 M.....3:30pm- 6:00pm (Q 2106) Clague, C

ECON698S Selected Topics in Economics: Comparative Economic Systems and Economic Planning; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (Q 1136) Murrell, P

ECON721 Econometrics III; Grade Method: REG/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (Q 2110) Kelejian, H

ECON731 Monetary Theory and Policy; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (Q 1132) Kiguel, M

ECON742 Advanced International Economics II; Grade Method: REG/AUD; Advanced Special Students are not permitted. 3 credits
0101 TuTh.....3:30pm- 4:45pm (Q 2110) Panagariya, A

ECON751 Advanced Theory of Public Finance; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (Q 0101) McGuire, M

ECON781 Advanced Environmental Economics; Grade Method: REG/AUD; 3 credits
0101 MW.....10:45am-12:00pm (Q 2140) Oates, W

ECON790 Advanced Urban Economics; Grade Method: REG/AUD; 3 credits
0101 F.....9:00am-11:45am (Q 2140) Schwab, R

ECON799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ECON899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

EDCI Curriculum and Instruction (Education)

EDCI280 School Service Semester; Grade Method: S-F; 3 credits
0101 W.....1:00pm- 1:50pm (00 0210) Sublett Jr, H
Time and room to be arranged
0201 W.....11:00am-11:50am (00 2102) Sublett Jr, H
Time and room to be arranged
0301 M.....11:00am-11:50am (00 2102) Amershek, K
Time and room to be arranged
0401 Th.....3:15pm- 4:05pm (00 2102) Delorenzo, W
Time and room to be arranged

EDCI288 (PermReq) Special Topics in Teacher Education; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDCI288B Special Topics in Teacher Education: Volunteerism; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Davis, J

EDCI288D (PermReq) Special Topics in Teacher Education: Developmental Heuristics; Grade Method: REG; 3 credits
0101 Time and room to be arranged Grant, R
0201 Time and room to be arranged Grant, R

EDCI288M (PermReq) Special Topics in Teacher Education: Tutoring in Remedial Mathematics; Grade Method: REG/P-F/AUD; 1-3 credits
0101 M.....4:00pm- 4:50pm (Arranged) Shearn, E

EDCI298 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCI300 Curriculum and Instruction in Art Education; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....1:00pm- 4:00pm (00 1315) McWhinnie, H

EDCI301 Teaching Art in the Elementary School; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....1:00pm- 4:00pm (00 1315) Craig, R

EDCI313 Creative Activities and Materials for the Young Child; Grade Method: REG/P-F/AUD; Field experiences scheduled on Monday and Wednesday. Blocked with EDCI 314, 318, 488B, EDHD 419A, MUED 450. Pre-early childhood and early childhood majors only. 3 credits
0101 Th.....1:00pm- 3:00pm (00 1315) Church, M
Time and room to be arranged

EDCI314 Teaching Language, Reading, Drama and Literature with Young Children; Grade Method: REG/P-F/AUD; Field experience scheduled on Monday and Wednesday. Blocked with EDCI 313, 318, 488B, EDHD419A, MUED450. Pre-early childhood and early childhood education majors only. 3 credits
0101 Th.....9:00am-11:00am (00 1107) Wright, J
Time and room to be arranged

EDCI318 Professional Development Seminar in Early Childhood Education; Grade Method: REG/P-F/AUD; Field experience scheduled for Monday and Wednesday. Blocked with EDCI 313, 314, 488B, EDHD 419A, MUED450. Pre-early childhood and early childhood education majors only. 1-2 credits
0101 M.....1:00pm- 2:00pm (00 1107) Amershek, K
Time and room to be arranged

EDCI320 (PermReq) Curriculum and Instruction in Secondary Education: Social Studies; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (SSB 1220) Cirrincione, J

EDCI322A Curriculum and Instruction in Elementary Education - Social Studies; Grade Method: REG/P-F/AUD; Teamed with EDCI 342A, 352A, 362A, and 372A. 3 credits

0101 M.....10:00am-11:50am (00 1315) Weaver, V
Time and room to be arranged

EDCI322B Curriculum and Instruction in Elementary Education - Social Studies; Grade Method: REG/P-F/AUD; Teamed with EDCI 342B, 352B, 362B, and 372B. 3 credits
0201 TuTh.....8:30am- 9:20am (00 2212) Jantz, R
Time and room to be arranged

EDCI322C (PermReq) Curriculum and Instruction in Elementary Education - Social Studies; Grade Method: REG/P-F/AUD; Teamed with EDCI 342C, 352C, 362C, 372C 3 credits
0301 W.....10:00am-12:00pm (00 1203) Herman Jr., W
Time and room to be arranged LAB

EDCI330 (PermReq) Curriculum and Instruction in Secondary Education: Foreign Language; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (00 2102) Delorenzo, W

EDCI340 (PermReq) Curriculum and Instruction in Secondary Education: English/Speech/Drama; Grade Method: REG/P-F/AUD; Concurrent enrollment in EDCI 447 required. 3 credits
0101 Tu.....4:15pm- 7:00pm (LL 2117) McCaleb, J

EDCI342A Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG/P-F/AUD; Teamed with EDCI 352A, 362A, 372A, and 322A. 3 credits
0101 W.....1:00pm- 2:50pm (00 2102) Roderick, J
Time and room to be arranged LAB

EDCI342B Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG/P-F/AUD; Teamed with EDCI 352B, 362B, 372B, 322B. 3 credits
0201 Tu.....1:00pm- 2:50pm (00 2212) Mauro, M
Time and room to be arranged

EDCI342C (PermReq) Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG/P-F/AUD; Teamed with EDCI 322C, 352C, 362C, 372C 3 credits
0301 MW.....9:00am- 9:50am (00 1203) Smith, F
Time and room to be arranged LAB

EDCI350 (PermReq) Curriculum and Instruction in Secondary Education: Mathematics; Grade Method: REG; 3 credits
0101 TuTh.....2:00pm- 3:15pm (00 2121) Davidson, N

EDCI352A Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG/P-F/AUD; Teamed with EDCI 342A, 362A, 372A, 322A. 3 credits
0101 W.....10:00am-11:50am (00 2121) Graeber, A
Time and room to be arranged

EDCI352B Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG/P-F/AUD; Teamed with EDCI 342B, 362B, 372B, 322B. 3 credits
0201 Tu.....9:30am-11:20am (00 2121) Johnson, M
Time and room to be arranged

EDCI352C (PermReq) Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG/P-F/AUD; Teamed with EDCI 322C, 342C, 362C and 372C. 3 credits
0301 M.....10:00am-12:00pm (00 2121) Campbell, P
Time and room to be arranged LAB

EDCI362A Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG/P-F/AUD; Teamed with EDCI 322A, 342A, 352A, 372A. 3 credits
0101 M.....1:00pm- 2:50pm (00 1121) Thompson, J
Time and room to be arranged

EDCI362B Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG/P-F/AUD; Teamed with EDCI 322B, 342B, 352B, 372B. 3 credits
0201 Th.....9:30am-11:20am (00 1121) Wilson, R
Time and room to be arranged

EDCI362C (PermReq) Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG/P-F/AUD; Teamed with EDCI 322C, 342C, 352C, and 372C. 3 credits
0301 W.....1:00pm- 3:00pm (00 1107) Smith, F
Time and room to be arranged LAB

EDCI370 (PermReq) Curriculum and Instruction in Secondary Education: Science; Grade Method: REG/P-F/AUD; Reserve one day per week for school observations. 3 credits
0101 TuTh.....2:00pm- 3:50pm (00 0220) Sanford, F

EDCI372A Curriculum and Instruction in Elementary Education: Science; Grade Method: REG/P-F/AUD; Teamed with EDCI 322A, 342A, 352A, 362A. 3 credits
0101 MW.....9:00am- 9:50am (00 2212) Holiday, W
Time and room to be arranged

EDCI372B Curriculum and Instruction in Elementary Education: Science; Grade Method: REG/P-F/AUD; Teamed with EDCI 322B, 342B, 352B, 362B. 3 credits
0201 Th.....1:00pm- 2:50pm (00 2212) Eley Jr, G
Time and room to be arranged

EDCI372C (PermReq) Curriculum and Instruction in Elementary Education: Science; Grade Method: REG/P-F/AUD; Teamed with EDCI 322C, 342C, 352C and 362C. 3 credits
0301 M.....1:00pm- 3:00pm (00 2212) Eley Jr, G
Time and room to be arranged LAB

EDCI390 (PermReq) Principles and Methods of Secondary Education; Grade Method: REG/P-F/AUD; 16 week course. Concurrent registration required in EDCI 390A. 3 credits
0101 Tu.....4:15pm- 7:00pm (00 1107) Davidson, N
0201 Th.....7:00pm- 9:45pm (00 1107) Arends, R

EDCI390A Principles and Methods of Secondary Education Discussion; Grade Method: NGI; Concurrent registration required in EDCI 390. Discussions will meet five times during the semester. No credit
0101 M.....4:15pm- 7:00pm (Arranged) DIS STAFF
0201 W.....7:00pm- 9:45pm (Arranged) DIS STAFF
0301 Tu.....1:00pm- 4:00pm (Arranged) DIS STAFF
0401 Th.....9:00am-12:00pm (Arranged) DIS STAFF
0501 W.....11:00am- 2:00pm (Arranged) DIS STAFF

EDCI401 Student Teaching in Elementary School: Art; Grade Method: S-F; Limited to elementary art majors who have previously applied. 4-8 credits
0101 Time and room to be arranged Craig, R

EDCI402 Student Teaching in Secondary Schools: Art; Grade Method: S-F; 2-8 credits
0101 Time and room to be arranged Craig, R

EDCI406 Practicum in Art Education: Two-Dimensional; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (00 1315) Craig, R

EDCI407 Practicum in Art Education: Three-Dimensional; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (00 1315) Craig, R

EDCI410 The Child and the Curriculum: Early Childhood; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (00 1121) Saracho, O

EDCI411 Student Teaching: Preschool; Grade Method: S-F; 4 credits
0101 Time and room to be arranged Jantz, R

EDCI412 Student Teaching: Kindergarten; Grade Method: S-F; 4 credits
0101 Time and room to be arranged Jantz, R

EDCI413 Student Teaching: Primary Grades; Grade Method: S-F; EDCI 411 and EDCI 412 are prerequisites. 8 credits
0101 Time and room to be arranged Jantz, R

EDCI420 Student Teaching Seminar in Secondary Education: Social Studies; Grade Method: S-F; 3 credits
0101 M.....4:15pm- 7:00pm (SSB 1210) Farrell, R

EDCI421 Student Teaching in Secondary Schools: Social Studies; Grade Method: S-F; 12 credits
0101 Time and room to be arranged Farrell, R

EDCI426 Methods of Teaching Social Studies in Secondary Schools; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Farrell, R

EDCI434 Methods of Teaching English to Speakers of other Languages; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (00 0202) Markham, P

EDCI436 Teaching for Multicultural Understanding; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (00 0206) Delorenzo, W

EDCI440 Student Teaching Seminar in Secondary Education: English, Speech, Drama; Grade Method: S-F; Must be concurrently enrolled in EDCI 441 or 442. Meets Sept. 23, Oct. 21, Nov. 18, Dec. 9. 1 credit
0101 W.....2:30pm- 4:00pm (00 3315) STAFF
Time and room to be arranged

EDCI441 Student Teaching in Secondary Schools: English; Grade Method: S-F; Concurrent registration in EDCI 440 is required. 12 credits
0101 Time and room to be arranged STAFF

EDCI442 Student Teaching in Secondary Schools: Speech; Grade Method: S-F; Concurrent registration with EDCI 440 is required. 12 credits
0101 Time and room to be arranged STAFF

EDCI443 Literature for Children and Youth; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (ULB 0115) Williams, H

EDCI447 Field Experience in English, Speech, Drama Teaching; Grade Method: S-F; Concurrent enrollment in EDCI 340 required. 1 credit
0101 Time and room to be arranged STAFF

EDCI450 Student Teaching Seminar in Secondary Education: Mathematics; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....3:30pm- 6:15pm (LL 1120) Henkelman, J

EDCI451 Student Teaching in Secondary Schools: Mathematics; Grade Method: S-F; 12 credits
0101 Time and room to be arranged Henkelman, J

EDCI456 Diagnosis of Learning Disabilities in Mathematics; Grade Method: REG/P-F/AUD; For special education majors only. 3 credits
0101 MW.....1:15pm- 2:30pm (00 2121) Campbell, P

EDCI463 The Teaching of Reading in the Secondary School; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (00 1121) Brigham, B
0201 W.....4:15pm- 7:00pm (LL 0120) Brigham, B

EDCI464 Clinical Practices in Reading Diagnosis and Instruction; Grade Method: REG/P-F/AUD; 0101 meets 5-6:30 on Sept. 11, 25, Oct. 16, Nov. 6; and MTuW 8-4 from Nov. 24 to Dec. 19. 3 credits
0101 Time and room to be arranged Saracho, O

EDCI471 Student Teaching in Secondary Schools: Science; Grade Method: S-F; Concurrent enrollment in EDCI 489B and 488F required. 12 credits
0101 Time and room to be arranged Layman, J

EDCI473 Environmental Education; Grade Method: REG/P-F/AUD; Open to non-education majors; General Education credit. 3 credits
0101 W.....4:15pm- 7:00pm (00 0220) Messersmith, D

EDCI481 Student Teaching: Elementary; Grade Method: S-F; Limited to elementary majors who have previously applied. 12 credits
0101 Time and room to be arranged Jantz, R

EDCI482 Student Teaching in Elementary School: Special Education; Grade Method: S-F; 8 credits
0101 Time and room to be arranged Jantz, R

EDCI484 Student Teaching in Elementary School: Music; Grade Method: S-F; Limited to music education majors, enrolled in the department of Curriculum and Instruction, who have previously applied. 4-6 credits
0101 Time and room to be arranged Shelley, S

EDCI485 Student Teaching in Elementary School: Physical Education; Grade Method: S-F; Limited to majors who have previously applied. 4-8 credits
0101 Time and room to be arranged Young, J

EDCI487 Introduction to Computers in Instructional Settings; Grade Method: REG/P-F/AUD; Prerequisite: at least six hours in education or instructional experience. 3 credits
0101 W.....7:00pm- 9:45pm (00 0210) Gillingham, M

EDCI488B Selected Topics in Teacher Education: Microcomputers in Early Childhood Education; Grade Method: REG/P-F/AUD; Blocked with EDCI 313, 314, 318, EDHD 419A, MUED 450; restricted pre-early childhood and early childhood majors only. 1 credit
0101 M.....2:00pm- 3:00pm (00 1107) Wright, J

EDCI488F Selected Topics in Teacher Education: Computers in Science Education; Grade Method: REG/P-F/AUD; Concurrent enrollment in EDCI 471 and 489B required. 2 credits
0101 Th.....5:15pm- 7:00pm (00 0220) Lockard, J

EDCI488N Selected Topics in Teacher Education: Learning Styles and Learning Environments; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Will meet Nov. 15, 9am-4pm. Limited to students with 75 credits or more. 3 credits
0101 Tu.....4:15pm- 7:00pm (00 2101) Heidelbach, R
0201 TuTh.....2:00pm- 3:15pm (00 1121) Young, J
0301 Tu.....4:15pm- 7:00pm (00 0114) Herman Jr., W
0401 Th.....4:15pm- 7:00pm (00 2101) Herman Jr., W

EDCI489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

EDCI489B Field Experiences in Education: Seminar for Science Student Teachers; Grade Method: REG/P-F/AUD; Must be concurrently enrolled in EDCI 471 and 488F. 1 credit
0101 Th.....4:15pm- 5:15pm (00 0220) Layman, J

EDCI491 Student Teaching in Secondary Schools: Health; Grade Method: S-F; 12 credits
0101 Time and room to be arranged Miller, C

EDCI494 Student Teaching in Secondary Schools: Music; Grade Method: S-F; 2-8 credits
0801 Time and room to be arranged Folstrom, R

EDCI495 Student Teaching in Secondary Schools: Physical Education; Grade Method: S-F; 2-8 credits
0901 Time and room to be arranged Young, J

EDCI498 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCI600 Trends in Art Education Curriculum; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (00 2203) McWhinnie, H

EDCI611 The Young Child in the Community; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (00 2102) Amershek, K

EDCI614 Intellectual and Creative Experiences in Early Childhood Education; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (00 0210) Fein, G

EDCI620 Trends in Secondary School Curriculum: Social Studies; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Farrell, R

EDCI637 Advanced Laboratory Practice in Foreign Language/ESOL Education; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Markham, P

EDCI650 Trends in Mathematics Education; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (00 2121) Johnson, M

EDCI653 Diagnosis and Treatment of Learning Disabilities in Mathematics I; Grade Method: REG/AUD; 3 credits

0101 Tu.....4:15pm- 7:00pm (00 2121) Bamberger, H

EDCI660 Corrective Reading Instruction; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (GG 0104) Wilson, R

EDCI664 Clinical Assessment in Reading; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (LL 0208) Gambrell, L

EDCI666 The Role of the Reading Resource Teacher; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (00 1121) Brigham, B

EDCI670 Trends in Secondary School Curriculum: Science; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (00 2212) Heikkinen, H

EDCI681 Trends in Elementary School Curriculum; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (LL 2125) STAFF

EDCI683 Implementation of Curricular Specialties; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (00 0210) Roderick, J

EDCI685 Research Methods; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (00 2203) STAFF

EDCI769 Theory and Research in Reading; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (00 1121) Garner, R

EDCI787 Computer Courseware Development; Grade Method: REG/AUD; Prerequisite: EDCI687 or consent of instructor. 3 credits
0101 M.....7:00pm- 9:45pm (00 0202) Krajcik, K

EDCI788H Selected Topics in Teacher Education: Issues in Science Education; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (00 0220) Sanford, F

EDCI788N Selected Topics in Teacher Education: Doctoral Research Seminar in Science Education; Grade Method: REG/AUD; Meets every other Thursday. 1 credit
0101 Th.....7:00pm- 9:45pm (00 0220) Holiday, W

EDCI788P Selected Topics in Teacher Education: Psycholinguistic Theory Base Second Language Education; Grade Method: REG/AUD; Concurrent enrollment in EDCI 7880. 3 credits
0101 W.....4:15pm- 7:00pm (00 0206) Markham, P

EDCI788T Selected Topics in Teacher Education: Proseminar in Professional Training and Development; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (00 2121) Henkelman, J

EDCI788Y Selected Topics in Teacher Education: Science Education Supervision; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (00 0206) Lockard, J

EDCI798 (PermReq) Special Problems in Teacher Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCI799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCI820 Seminar in Social Studies Education; Grade Method: REG; 3 credits
0101 Time and room to be arranged Cirrincione, J

EDCI858 Seminar in Mathematics Education; Grade Method: REG/AUD; 2 credits
0101 F.....10:00am-12:00pm (00 2121) Fey, J

EDCI880 Doctoral Proposal Seminar; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (00 1203) Borko, H
0201 Th.....4:15pm- 7:00pm (00 0202) Roderick, J

EDCI888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDCI889 (PermReq) Internship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDCI899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

EDCP Education Counseling and Personnel Services (Education)

All sections of EDCP 108, except EDCP 108R, closed to seniors.

EDCP108A College Aims: Interpersonal Development; Grade Method: REG/P-F/AUD; 1 credit
0201 Tu.....12:30pm- 2:30pm (00 1203) Allan, T
0301 M.....12:00pm- 2:00pm (00 1203) Allan, T

EDCP108B College Aims: Reading and Study Skills; Grade Method: REG/P-F/AUD; 1 credit
0101 MW.....8:00am- 8:50am (N 2101) Van Brunt, J
0201 TuTh.....8:30am- 9:20am (N 2102) Van Brunt, J

EDCP108D College Aims: Career Planning and Decision Making; Grade Method: REG/P-F/AUD; Limited to second semester freshmen and sophomores. 1 credit
0101 M.....2:00pm- 4:00pm (00 1203) Cranston, P
0201 Tu.....12:00pm- 2:00pm (00 0210) Cranston, P
0301 W.....2:00pm- 4:00pm (00 0210) Cranston, P
0401 Tu.....5:00pm- 7:00pm (LL 1215) Cranston, P
0501 M.....1:00pm- 3:00pm (00 0210) Cranston, P
0601 W.....1:00pm- 3:00pm (00 2203) Cranston, P

Section 0401 limited to students 23 years or older.

EDCP108M College Aims: Math Study Skills and Building Confidence; Grade Method: REG/AUD; Enrollment limited to students concurrently enrolled in Math001 or Math001B. 1 credit
0101 Meets 09/10/86 - 11/05/86 Shearn, E
WF.....12:00pm-12:50pm (J 1110)

EDCP108R College Aims: Returning Students; Grade Method: REG/P-F/AUD; 1 credit
0101 W.....12:00pm- 2:00pm (00 3233) Greenfeig, B
0201 Th.....12:30pm- 2:30pm (00 3233) Goldberg, B

EDCP108W (PermReq) College Aims: Relationship Skills Workshops; Grade Method: REG/P-F/AUD; Relationship Skills Workshops held within residence halls communities. For permission to register, contact Resident Assistants or Resident Directors. 1 credit
0101 Tu.....6:30pm- 8:30pm (Arranged) Waldo, M
Meets 9/9, 9/16, 10/21, 11/11, and 12/2 in ZP 1240.
0201 W.....6:30pm- 8:30pm (Arranged) Waldo, M
Meets on 9/10, 9/17, 10/22, 11/12, and 12/3 in Q 0130.

Section 0101, first meeting 9/9/86. Section 0201, first meeting 9/10/86.

EDCP310 Peer Counseling Theory and Skills; Grade Method: REG; Departmental approval is required to add this course after September 8. 3 credits
0101 TuTh.....9:30am-11:00am (00 3236) Knefelkamp, L
0201 TuTh.....12:30pm- 2:00pm (00 3236) Knefelkamp, L
0301 W.....4:15pm- 7:00pm (00 3233) Knefelkamp, L

EDCP310A Peer Counseling Theory and Skills; Grade Method: REG; Departmental approval is required to add this course after September 8. Minority peer counseling. 3 credits
0101 W.....2:00pm- 4:45pm (NN 1202) Molla, B

EDCP386 (PermReq) Field Work; Grade Method: REG; Written permission of instructor plus department stamp must be obtained by May 10, 1986 for registration. Concurrent with EDCP 387. 2 credits
0101 Time and room to be arranged Knefelkamp, L

EDCP387 (PermReq) Field Work Analysis; Grade Method: REG; Written permission of instructor plus department stamp must be obtained by May 10, 1986 for registration. Concurrent with EDCP 386. 1 credit
0101 Time and room to be arranged Knefelkamp, L

EDCP410 Introduction to Counseling and Personnel Services; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (00 3233) Strein, W

EDCP413 Behavior Modification; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (00 1107) Pumroy, D

EDCP417 (PermReq) Group Dynamics and Leadership; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-11:00am (00 3233) Allan, T
0201 TuTh.....3:30pm- 4:45pm (AS 3219) Kruger, K
0301 TuTh.....11:00am-12:15pm (00 3236) Kruger, K

EDCP420 Education and Racism; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 M.....4:15pm- 7:00pm (AS 3211) STAFF

EDCP460 Introduction to Rehabilitation Counseling; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (00 3236) Lawrence, R

EDCP489 (PermReq) Field Experiences in Counseling and Personnel Services; Grade Method: REG; Written permission of instructor plus department stamp must be obtained by May 10, 1986 for registration for section 0101. Section 0201- signed permission of instructor. 1-4 credits
0101 Time and room to be arranged Knefelkamp, L
0201 Time and room to be arranged Waldo, M

EDCP499L (PermReq) Workshops, Clinics, Institutes: Leading a Relationship Skills Workshop; Grade Method: REG/P-F/AUD; Prerequisite: EDCP 499P 1-6 credits
0101 Tu.....6:30pm- 8:30pm (Arranged) Waldo, M
W.....9:00pm-10:00pm (Arranged)
0201 W.....6:30pm- 8:30pm (Arranged) Waldo, M
W.....9:00pm-10:00pm (Arranged)

EDCP499P (PermReq) Workshops, Clinics, Institutes: Preparation to Lead a Relationship Skills Workshop; Grade Method: REG/P-F/AUD; Prerequisite: EDCP 108W or EDCP 499R. 1-6 credits
0101 Time and room to be arranged Waldo, M

EDCP499R (PermReq) Workshops, Clinics, Institutes: Relationship Skills Workshop-Advanced; Grade Method: REG/P-F/AUD; 1-6 credits
0101 Time and room to be arranged Waldo, M

EDCP605 Issues in Counseling Adults; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (00 3233) Schlossberg, N

EDCP610C Professional Orientation; Grade Method: REG/AUD; Limited to community counseling students. 3 credits
0101 W.....4:15pm- 7:00pm (00 1315) Schlossberg, N

EDCP610E Professional Orientation; Grade Method: REG/AUD; Limited to elementary school counseling students. 3 credits
0101 W.....4:15pm- 7:00pm (00 2203) Greenberg, K

EDCP610P Professional Orientation; Grade Method: REG/AUD; Limited to school psychology students. 3 credits
0101 W.....4:15pm- 7:00pm (00 0202) Strein, W

EDCP610R Professional Orientation; Grade Method: REG/AUD; Limited to rehabilitation counseling students. 3 credits
0101 W.....4:15pm- 7:00pm (00 3236) Lawrence, R

EDCP610S Professional Orientation; Grade Method: REG/AUD; Limited to secondary counseling students. 3 credits
0101 W.....4:15pm- 7:00pm (LL 2120) Greenberg, K

EDCP610U Professional Orientation; Grade Method: REG; Limited to college student personnel students. 3 credits
0101 W.....4:15pm- 7:00pm (LL 1125) STAFF

EDCP614 Personality Theories in Counseling and Personnel Services; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (00 1107) Greenberg, K

EDCP615 Counseling I: Appraisal; Grade Method: REG/AUD; Limited to EDCP majors only. 3 credits
0101 Tu.....4:15pm- 7:00pm (00 3233) STAFF

EDCP617 Group Counseling; Grade Method: REG/AUD; Limited to EDCP majors who have completed EDCP 616. 3 credits
0101 W.....7:00pm- 9:45pm (00 2102) Waldo, M

EDCP619R Practicum in Counseling; Grade Method: REG/AUD; Rehabilitation students only. 2-6 credits
0101 Tu.....4:15pm- 7:00pm (Arranged) Lawrence, R

EDCP619U Practicum in Counseling; Grade Method: REG; Limited to CSPA majors. 2-6 credits
0101 Tu.....1:00pm- 4:00pm (N 1103) Westbrook, F
0201 W.....1:00pm- 4:00pm (00 3236) STAFF

EDCP626 (PermReq) Group Counseling Practicum; Grade Method: REG/AUD; 3 credits
0101 M.....10:00am- 1:00pm (00 3236) Waldo, M

EDCP633 Diagnostic Appraisal of Children I; Grade Method: REG/AUD; Concurrent registration in EDCP 789T required. 4 credits
0101 Th.....9:30am-12:15pm (00 1203) Teglasi-Golubco
Time and room to be arranged

EDCP635 Therapeutic Techniques and Classroom Management I; Grade Method: REG/AUD; 3 credits
0101 Th.....12:30pm- 3:15pm (00 1203) Pumroy, D

EDCP656 Counseling and Personnel Services Seminar; Grade Method: REG; First year CSPA students only. 2 credits
0101 W.....4:15pm- 7:00pm (LL 1226) STAFF

EDCP668P Special Topics in Rehabilitation: Placement Process in Rehabilitation; Grade Method: REG; 3 credits
0101 M.....4:15pm- 7:00pm (00 3236) Lawrence, R

EDCP717 (PermReq) Evaluation of Research in Counseling; Grade Method: REG; 3 credits
0101 Time and room to be arranged Hoffman, M

EDCP718 (PermReq) Advanced Seminar in Group Processes; Grade Method: REG; 3 credits
0101 Time and room to be arranged Waldo, M

EDCP778 Research Proposal Seminar; Grade Method: REG/AUD; Limited to EDCP majors. 3 credits
0101 M.....7:00pm- 8:45pm (N 1103) Magoon, T
Time and room to be arranged DIS

EDCP788 Advanced Practicum; Grade Method: REG/AUD; Prerequisite: permission of instructor, previous practicum experience, individual supervision of counseling, and group consultation. 3 credits
0201 W.....10:00am-12:00pm (00 3236) Birk, J
Time and room to be arranged LAB

EDCP789D (PermReq) Advanced Topics in Counseling and Personnel Services: Developemental Instruction; Grade Method: REG; 3 credits
0101 Tu.....4:15pm- 7:00pm (NN 0135) McKuen, M

EDCP789F Advanced Topics in Counseling and Personnel Services: Clinical Use of Appraisal Measures; Grade Method: REG; Prerequisite: EDCP 616. 3 credits
0101 Th.....9:00am-12:00pm (00 2203) Lucas, M

EDCP789I Advanced Topics in Counseling and Personnel Services: Professional Issues in Counseling Psychology; Grade Method: REG/AUD; 1 credit
0101 Tu.....9:00am-10:00am (00 2203) Birk, J

EDCP789R Advanced Topics in Counseling and Personnel Services: Pre-Practicum in School Counseling; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (00 3233) Rhoads, D

EDCP789T Advanced Topics in Counseling and Personnel Services: Practicum in Assessment; Grade Method: REG/AUD; Concurrent enrollment in EDCP633 required. 2 credits
0101 Tu.....9:30am-12:15pm (00 1203) Teglasi-Golubco

EDCP789U Advanced Topics in Counseling and Personnel Services: Advanced Theories of University Administration; Grade Method: REG; 3 credits
0101 W.....3:30pm- 6:00pm (Arranged) Thomas Jr, W

EDCP789X (PermReq) Advanced Topics in Counseling and Personnel Services: Practicum in Consultation; Grade Method: REG; 3 credits
0101 F.....9:00am-12:00pm (00 0202) Leonard, M

EDCP798 (PermReq) Special Problems in Counseling and Personnel Services; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCP798B Special Problems in Counseling and Personnel Services: Joint Vocational Education Seminar; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (P 1202) Stough, K

EDCP799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCP888 (PermReq) Apprenticeship in Counseling and Personnel Services; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDCP888U Apprenticeship in Counseling and Personnel Services: College Student Personnel Administration Apprenticeship; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (00 0202) STAFF

EDCP889 (PermReq) Internship in Counseling and Personnel Services; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDCP899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

EDHD Education, Human Development (Education)

EDHD300E (PermReq) Human Development and Learning; Grade Method: REG/P-F/AUD; Elementary emphasis. Open only to students who are following a complete teacher education program. First class meeting determined by campus section, not off-campus lab day. 6 credits
0101 WF.....10:00am-12:00pm (00 3315) Seefeldt, C
M.....8:00am- 1:00pm (Arranged) LAB
0201 WF.....12:00pm- 2:00pm (00 3315) Rogolsky, S
M.....8:00am- 1:00pm (Arranged) LAB
0301 TuTh.....12:00pm- 2:00pm (00 3315) Matteson, R
W.....8:00am- 1:00pm (Arranged) LAB

EDHD300S (PermReq) Human Development and Learning; Grade Method: REG/P-F/AUD; Secondary emphasis. Open only to students with junior standing who are following a complete teacher education program. First class meeting determined by campus section, not off-campus lab day. 6 credits
0701 MF.....12:00pm- 2:00pm (00 1315) Eliot, J
W.....11:00am- 3:00pm (Arranged) LAB
0801 TuTh.....10:00am-12:00pm (00 3315) Gardner, A
M.....8:00am- 1:00pm (Arranged) LAB
0901 MF.....12:00pm- 2:00pm (00 0202) Ortman, P
W.....11:00am- 3:00pm (Arranged) LAB

EDHD306 A Study of Human Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement: 3 credits
0101 MWF.....12:00pm-12:50pm (00 2101) Speicher, S
0201 TuTh.....9:30am-10:45am (00 0114) Favretto, F
0301 TuTh.....2:00pm- 3:15pm (00 3315) Matteson, R
0401 MWF.....10:00am-10:50am (00 0210) Speicher, S

EDHD320 Human Development Through the Lifespan; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (00 1315) Finley, D
0201 TuTh.....12:30pm- 1:45pm (00 2102) Clayborne, M
0301 MWF.....9:00am- 9:50am (00 3315) Belliotti, S
0401 MWF.....10:00am-10:50am (00 2119) Martin, J

EDHD330 Human Development and Societal Institutions; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....9:30am-10:45am (00 2119) Grambs, J

EDHD340 Human Development Aspects of the Helping Relationship; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (00 0210) Flatter, C

EDHD350 Human Development Factors in Personal Development; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (00 2101) Milhollan, F
0201 TuTh.....12:30pm- 1:45pm (00 0114) Cinque, A

EDHD386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDHD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDHD400 Introduction to Gerontology; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (00 0202) Robertson-Tchab

EDHD411 Child Growth and Development; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (00 2102) Marcus, R
0201 TuTh.....12:30pm- 1:45pm (00 2119) Flatter, C

EDHD413 Adolescent Development; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 Tu.....4:15pm- 7:00pm (00 3315) Gardner, A
0201 TuTh.....12:30pm- 1:45pm (00 0202) Milhollan, F

EDHD419A Human Development and Learning in School Settings: Infancy and Preschool; Grade Method: REG/P-F/AUD; Open to pre-early childhood and early childhood education majors only. 3 credits
0101 Tu.....9:00am-11:00am (00 1107) Holloway, S
MW.....9:00am-12:00pm (Arranged) LAB

EDHD445 Guidance of Young Children; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 M.....4:15pm- 7:00pm (00 3315) Marcus, R
0201 TuTh.....2:00pm- 3:15pm (00 0114) Gorman, K
0301 MWF.....11:00am-11:50am (00 2119) Stifter, C
0401 TuTh.....11:00am-12:15pm (00 2119) Koonce, S
0501 Tu.....4:15pm- 7:00pm (LL 1122) Stifter, C

EDHD460 Educational Psychology; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (00 2102) Holloway, S
0201 W.....4:15pm- 7:00pm (00 3315) Iseman, S

EDHD489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

EDHD498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDHD499A (PermReq) Workshops, Clinics, and Institutes: Divorce: Parent-Child Relations; Grade Method: REG/P-F/AUD; 1 credit
0101 Meets 09/02/86 - 10/04/86 Koopman, E
Th.....4:15pm- 7:00pm (00 0206)

EDHD499B (PermReq) Workshops, Clinics, and Institutes: Divorce: Legal Aspects; Grade Method: REG/P-F/AUD; 1 credit

0101 Meets 10/07/86 - 11/08/86 Koopman, E
Th.....4:15pm- 7:00pm (00 0206)

EDHD499C (PermReq) Workshops, Clinics, and Institutes: Divorce: Financial and Career Changes; Grade Method: REG/P-F/AUD; 1-6 credits
0101 Meets 11/12/86 - 12/16/86 Koopman, E
Th.....4:15pm- 7:00pm (00 0206)

EDHD600 Introduction to Human Development and Child Study; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (00 3315) Flatter, C

EDHD601 Biological Bases of Behavior; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (00 2102) Bennett, S

EDHD602 Social Bases of Behavior; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (LL 1226) Taylor, A

EDHD620 Aging in the Cultural Context; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (LL 0103) Robertson-Tchab

EDHD700 Infant Development; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (00 3315) Dipietro, J

EDHD710 Affectional Relationships and Processes in Human Development; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (00 0210) Milhollan, F

EDHD721 Learning Theory and the Educative Process I; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (00 0114) Holloway, S
0201 Tu.....4:15pm- 7:00pm (00 1203) Huebner, R

EDHD722 Learning Theory and the Educative Process II; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (00 2101) Eliot, J

EDHD740 Theories of Conflict Resolution in Human Development; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (00 2101) Hunt, E

EDHD779B Special Topics in Human Development: Team Research in Psychophysiology of Individual Differences; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (00 1315) Fox, N

EDHD779E Special Topics in Human Development: Lab in Early Human Development; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (00 2102) Porges, S

EDHD779J Special Topics in Human Development: Helping Families Cope with a Mentally Ill Relative; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (00 0206) Hatfield, A

EDHD779U Special Topics in Human Development: The Older Woman; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (LL 1120) Grambs, J

EDHD779X Special Topics in Human Development: Team Research: H.D. in the Educational Environment; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (00 2101) LAB Seefeldt, C

EDHD780 Research Methods in Human Development; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (00 1107) Huebner, R

EDHD789 Internship in Human Development; Grade Method: REG/AUD; 3-8 credits
1401 Time and room to be arranged Hunt, E
2501 M.....4:15pm- 7:00pm (LL 2102) Tyler, B

EDHD798 (PermReq) Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. 1-6 credits

EDHD799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. 1-6 credits

EDHD810 Physical Processes in Human Development I; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (00 4233) Porges, S

EDHD820 Socialization Processes in Human Development I; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (00 1107) Torney-Purta, J

EDHD830 Self Processes in Human Development I; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (00 4233) Rogolsky, S

EDHD831 Self Processes in Human Development II; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (00 3315) Marcus, R

EDHD888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDHD889 (PermReq) Internship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDHD899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. (Limited to Human Development majors.) 1-8 credits

---

EDIT Industrial, Technological and Occupational Education (Education)

EDIT101 Mechanical Drawing I; Grade Method: REG/AUD; 2 credits
0101 MW.....11:00am- 1:00pm (P 2229) STAFF
MW.....11:00am- 1:00pm (P 2229) LAB
0201 TuTh.....9:00am-11:00am (P 2229) STAFF
TuTh.....9:00am-11:00am (P 2229) LAB
0301 M.....6:00pm-10:00pm (P 2229) STAFF
M.....6:00pm-10:00pm (P 2229) LAB
0401 TuTh.....11:00am- 1:00pm (P 2229) Mosser, D
TuTh.....11:00am- 1:00pm (P 2229) LAB

EDIT102 Fundamentals of Woodworking; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am-10:00am (P 1210) Smith, J
MWF.....8:00am-10:00am (P 1210) LAB
0201 TuTh.....1:00pm- 4:00pm (P 1210) Smith, J
TuTh.....1:00pm- 4:00pm (P 1210) LAB
0301 TuTh.....9:00am-12:00pm (P 1210) Smith, J
TuTh.....9:00am-12:00pm (P 1210) LAB

EDIT106 Teaching Creative Construction Activities I; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....9:00am-12:00pm (P 2120) Longley, E

EDIT112 Technical Calculations; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (P 3201) Stough, K

EDIT114 Principles of Typewriting; Grade Method: REG; 2 credits
0101 MTuWTh.....8:00am- 8:50am (P 2115) Spear, M
0201 MTuWTh.....2:00pm- 2:50pm (P 2115) Spear, M
0301 MTuWTh.....1:00pm- 1:50pm (P 2115) Peters, R

EDIT115 Intermediate Typewriting; Grade Method: REG; 2 credits
0101 MTuWTh.....9:00am- 9:50am (P 2115) Spear, M

EDIT116 Principles of Shorthand I; Grade Method: REG; 3 credits
0101 MTuWThF...10:00am-10:50am (P 2115) Spear, M

EDIT121 Mechanical Drawing II; Grade Method: REG/AUD; 2 credits
0101 MW.....9:00am-11:00am (P 2229) Pelzar, W
MW.....9:00am-11:00am (P 2229) LAB
0201 TuTh.....3:00pm- 5:00pm (P 2229) Pelzar, W
TuTh.....3:00pm- 5:00pm (P 2229) LAB

EDIT127 Fundamentals of Electricity Electronics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am-10:00am (P 2201) Milligan, D
0301 MW.....1:00pm- 4:00pm (P 2201) Milligan, D
0401 TuTh.....6:00pm- 9:00pm (P 2201) Wall, J
0501 TuTh.....9:00am-12:00pm (P 2201) Milligan, D

EDIT160 Design Illustrating I; Grade Method: REG/P-F/AUD; For interior design, advertising design, pre-design, and landscape design students only. 2 credits
0101 MW.....9:00am-11:00am (P 2108) STAFF
MW.....9:00am-11:00am (P 2108) LAB
0201 MW.....11:00am- 1:00pm (P 2108) STAFF
MW.....11:00am- 1:00pm (P 2108) LAB
0301 M.....6:00pm-10:00pm (P 2108) Schuma, J
M.....6:00pm-10:00pm (P 2108) LAB
0401 TuTh.....9:00am-11:00am (P 2108) Pelzar, W
TuTh.....9:00am-11:00am (P 2108) LAB
0501 TuTh.....11:00am- 1:00pm (P 2108) Pelzar, W
TuTh.....11:00am- 1:00pm (P 2108) LAB
0601 TuTh.....1:00pm- 3:00pm (P 2108) Bell, T
TuTh.....1:00pm- 3:00pm (P 2108) LAB
0701 W.....6:00pm-10:00pm (P 2108) Schuma, J
W.....6:00pm-10:00pm (P 2108) LAB

EDIT202 Machine Woodworking; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 102 or approval of instructor 3 credits
0101 MWF.....1:00pm- 3:00pm (P 1210) Smith, J
MWF.....1:00pm- 3:00pm (P 1210) LAB

EDIT207 Bases For Curriculum Decision in Home Economics; Grade Method: REG/P-F/AUD; Leave half day free, TU, W, or Th p.m., for observation. 3 credits
0101 TuTh.....9:30am-10:50am (P 3225A) Hultgren, F

EDIT210 Foundry; Grade Method: REG/P-F/AUD; Students must also register for same section of EDIT223. 1 credit
0101 MW.....8:00am-10:00am (P 1108) Strenge, J
Time and room to be arranged
0201 MW.....10:00am-12:00pm (P 1108) Strenge, J
Time and room to be arranged
0301 Tu.....6:00pm-10:00pm (P 1109) Strenge, J
Tu.....6:00pm-10:00pm (P 1108)

EDIT214 Office Typewriting Problems; Grade Method: REG; 2 credits
0101 MTuWTh....12:00pm-12:50pm (P 2115) Marschall, S

EDIT216 Advanced Shorthand and Transcription; Grade Method: REG; 3 credits
0101 MTuWThF...11:00am-11:50am (P 2115) Spear, M
MTuWThF...11:00am-11:50am (P 2115) LAB

EDIT223 Arc and Gas Welding; Grade Method: REG/P-F/AUD; Students must also register for EDIT 210. 1 credit
0101 Time and room to be arranged Strenge, J
0201 Time and room to be arranged Strenge, J
0301 Time and room to be arranged Strenge, J

EDIT224 (PermReq) Organized and Supervised Work Experiences I; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Elkins, R

EDIT226 Fundamental Metalworking Processes; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:00am-12:00pm (P 1225) Swartzlander, L
TuTh.....9:00am-12:00pm (P 1225) LAB

EDIT227 Applications of Electronics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....1:00pm- 4:00pm (P 2201) Milligan, D

EDIT231 Mechanical Drawing III; Grade Method: REG/P-F/AUD; 2 credits
0101 MW.....1:00pm- 3:00pm (P 2108) Pelzar, W
MW.....1:00pm- 3:00pm (P 2108) LAB

EDIT232 Fundamentals of Automotive Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-12:00pm (P 2123) Jones, B
MWF.....10:00am-12:00pm (P 1229) LAB
0201 MW.....5:00pm- 8:00pm (P 2123) Jones, B
MW.....5:00pm- 8:00pm (P 1229) LAB
0301 TuTh.....9:00am-12:00pm (P 2123) Edmondson, P
TuTh.....9:00am-12:00pm (P 1229) LAB
0401 TuTh.....2:00pm- 5:00pm (P 2123) Edmondson, P
TuTh.....2:00pm- 5:00pm (P 1229) LAB

EDIT233 Fundamentals of Power Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am-10:00am (P 2123) Jones, B
MWF.....8:00am-10:00am (P 1229) LAB

EDIT234 Graphic Communications; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am-10:00am (P 2202) Gilberti, A
MWF.....8:00am-10:00am (P 2222) LAB
0201 MWF.....10:00am-12:00pm (P 2202) McLaughlin Jr.,
MWF.....10:00am-12:00pm (P 2222) LAB
0301 MWF.....1:00pm- 3:00pm (P 2202) McLaughlin Jr.,
MWF.....1:00pm- 3:00pm (P 2222) LAB
0401 MWF.....3:00pm- 5:00pm (P 2202) McLaughlin Jr.,
MWF.....3:00pm- 5:00pm (P 2222) LAB
0501 MW.....6:00pm- 9:00pm (P 2202) McLaughlin Jr.,
MW.....6:00pm- 9:00pm (P 2202) LAB

EDIT241 Architectural Drawing; Grade Method: REG/P-F/AUD; 2 credits
0101 MW.....3:00pm- 5:00pm (P 2229) Craven, H
MW.....3:00pm- 5:00pm (P 2229) LAB
0201 TuTh.....1:00pm- 3:00pm (P 2229) Craven, H
TuTh .....1:00pm- 3:00pm (P 2229) LAB

EDIT262 Basic Metal Machining; Grade Method: REG/P-F/AUD; 3 credits
0201 TuTh.....8:00am-11:00am (P 1109) Strenge, J
TuTh.....8:00am-11:00am (P 1120) LAB
0301 TuTh.....1:00pm- 4:00pm (P 1109) Strenge, J
TuTh.....1:00pm- 4:00pm (P 1120) LAB

EDIT270 Field Experiences; Grade Method: REG; For majors in business education, secretarial education, industrial arts, vocational technical education, and/or pre-education students entering above fields of study. Reserve one morning per week for visitations. 3 credits
0101 Time and room to be arranged STAFF
Th.....3:00pm- 3:50pm (P 3105)

EDIT291 Introduction to Plastics Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:00am-12:00pm (P 1202) Mason, R
TuTh.....9:00am-12:00pm (P 1216) LAB
0201 TuTh.....1:00pm- 4:00pm (P 1202) Mason, R
TuTh.....1:00pm- 4:00pm (P 1216) LAB
0301 MWF.....10:00am-12:00pm (P 1109) Mason, R
MWF.....10:00am-12:00pm (P 1216) LAB

EDIT298 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT304 Administrative Secretarial Procedures; Grade Method: REG; 3 credits
0101 MWF.....10:00am-10:50am (P 3225) Marschall, S

EDIT311 Laboratory Practicum in Industrial Arts Education; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am-10:00am (P 1201) Maley, D
MWF.....8:00am-10:00am (P 2215) LAB

EDIT324 (PermReq) Organized and Supervised Work Experiences II; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Elkins, R

EDIT332 Advanced Procedures in Automotive Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....1:00pm- 4:00pm (P 2123) Jones, B
MW.....1:00pm- 4:00pm (P 1229) LAB

EDIT334 Photographic and Electronic Graphic Communications; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 234 (old 134) or consent of instructor. 3 credits
0101 TuTh.....1:00pm- 4:00pm (P 2202) McLaughlin Jr.,
TuTh.....1:00pm- 4:00pm (P 2222) LAB

EDIT341 Curriculum, Instruction, and Observation: Business Education; Grade Method: REG; (8 weeks.) 3 credits
0101 MWF.....2:00pm- 4:00pm (P 3105) Peters, R

EDIT343 Curriculum, Instruction, and Observation: Distributive Education; Grade Method: REG; 3 credits
0101 MWF.....2:00pm- 4:00pm (Arranged) Anderson, C

EDIT353 Fire Safety Codes and Standards; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....7:00pm-10:00pm (P 3201) Ryan, R

EDIT360 Industrial Production Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....11:00am-11:50am (P 3104) Mietus, W
Th.....10:00am-12:00pm (P 3104) LAB

EDIT391 Plastics Processing Fundamentals; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....1:00pm- 4:00pm (P 1202) Mason, R
MW.....1:00pm- 4:00pm (P 1216) LAB

EDIT401 Essentials of Design; Grade Method: REG/P-F/AUD; 2 credits
0101 MW.....1:00pm- 3:00pm (P 2229) Mosser, D
MW.....1:00pm- 3:00pm (P 2229) LAB

EDIT405 Business Communications; Grade Method: REG; 3 credits
0101 MWF.....12:00pm-12:50pm (P 3105) Boyce, J

EDIT406 Word Processing; Grade Method: REG; 3 credits
0101 MW.....1:00pm- 3:00pm (P 3106) STAFF
0201 M.....4:15pm- 7:00pm (P 3106) Boyce, J

EDIT414 Organization and Coordination of Cooperative Education Programs; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (P 3225) Kiss, M

EDIT415 Financial and Economic Education I; Grade Method: REG/P-F/AUD; First eight weeks only. 3 credits
0101 MWF.....4:00pm- 6:00pm (P 3104) STAFF

EDIT421 Industrial Arts in Special Education; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....6:00pm-10:00pm (P 2120) Beatty, C

EDIT422 Student Teaching: Industrial Arts Education; Grade Method: S-F; Limited to majors who have previously applied. Must be taken in conjunction with EDIT 344 or permission of instructor. 2-12 credits
0101 Time and room to be arranged Beatty, C

EDIT425 Analysis of Industrial Training Programs I; Grade Method: REG/P-F/AUD; Prerequisite: Junior standing or written permission of course professor. 3 credits
0101 Th.....4:15pm- 7:00pm (P 1202) Hunter, A

EDIT426 Analysis of Industrial Training Programs II; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 425; Junior standing or written permission of course professor. 3 credits
0101 M.....4:15pm- 7:00pm (P 1202) Hunter, A

EDIT427 (PermReq) Experimental Electronics; Grade Method: REG; 2 credits
0101 TBA (P 2201) Milligan, D
TBA (P 2201) LAB

EDIT432 Student Teaching: Business Education; Grade Method: S-F; 2-12 credits
0101 Time and room to be arranged Peters, R

EDIT435 Curriculum Development in Home Economics; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....12:00pm- 3:00pm (P 3225) Inana, M

EDIT443 Industrial Safety I; Grade Method: REG/P-F/AUD; Limited to students with junior/senior standing. 3 credits
0101 W.....7:00pm-10:00pm (P 3201) Ashley, R

EDIT444 Industrial Safety II; Grade Method: REG/P-F/AUD; Limited to students with junior/senior standing. 3 credits
0101 MWF.....2:00pm- 2:50pm (P 3201) Ashley, R

EDIT445 Systems Safety Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....7:00pm-10:00pm (P 3105) Tomasetti, J

EDIT450 Training Aids Development; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (P 3225) Beatty, C

EDIT451 Research and Experimentation in Industrial Arts; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....7:00pm-10:00pm (P 1201) Maley, D

EDIT452 Student Teaching: Marketing and Distributive Education; Grade Method: S-F; 2-12 credits
0101 Time and room to be arranged Anderson, C

EDIT457 Tests and Measurements; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....7:00pm-10:00pm (P 3201) Stough, K

EDIT460 Design Illustrating II; Grade Method: REG/P-F/AUD; 2 credits
0201 TuTh.....3:00pm- 5:00pm (P 2108) Bell, T
TuTh.....3:00pm- 5:00pm (P 2108) LAB

EDIT461 Principles of Vocational Guidance; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (P 2202) Mietus, W

EDIT464 Laboratory Organization and Management; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (P 3105) Usiak, K

EDIT465 Modern Industry; Grade Method: REG/P-F/AUD; Prerequisite: junior standing or written permission of instructor. 3 credits
0101 Th.....7:00pm- 9:45pm (P 1202) Hunter, A

EDIT470 Numerical Control in Manufacturing; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....9:30am-10:45am (P 3105) Elkins, R
Th.....9:30am-10:45am (P 3105) LAB

EDIT471 History and Principles of Vocational Education; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....7:00pm-10:00pm (P 3104) Luetkemeyer, J

EDIT472 Quality Control and Assurance in Industrial Settings; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....7:00pm-10:00pm (P 3105) Sullivan, D

EDIT475 Recent Technological Developments in Products and Processes; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (P 3104) Elkins, R

EDIT476 Application of Technology to Societal Problems; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....9:00am- 9:50am (P 3201) Sullivan, D
0201 MWF.....11:00am-11:50am (P 3201) Usiak, K
0301 MWF.....12:00pm-12:50pm (P 3201) Sullivan, D

EDIT482 (PermReq) Student Teaching: Trade and Industrial Education; Grade Method: S-F; 2-12 credits
0101 Time and room to be arranged Stough, K

EDIT484 Field Experiences in Home Economics Education; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Inana, M

EDIT485 Field Experiences in Business Education; Grade Method: REG; 3 credits
0101 Time and room to be arranged Peters, R

EDIT486 Field Experiences in Marketing and Distributive Education; Grade Method: REG; 3 credits
0101 Time and room to be arranged Anderson, C

EDIT4880 Selected Topics in Education: Curriculum Theory and Development in Home Economics; Grade Method: REG; 3 credits
0101 Th.....4:15pm- 7:00pm (P 3225) Hultgren, F

EDIT488T Selected Topics in Education: Issues Confronting Families Past and Future - A Multidisciplinary Examination; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....1:00pm- 2:15pm (P 3105) Inana, M

EDIT488Z Selected Topics in Education: Microcomputer Applications in Technology and Industry; Grade Method: REG/P-F/AUD; For EDIT juniors and seniors only, or by permission of instructor. 3 credits
0101 W.....4:15pm- 7:00pm (P 3225) Elkins, R

EDIT493 Home Economics for Special Need Learners; Grade Method: REG/P-F/AUD; Also reserve one morning for observation. 3 credits
0101 Tu.....4:15pm- 7:00pm (P 3105) Inana, M

EDIT498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT499D Workshops, Clinics, and Institutes: Workshop in Vocational Education; Grade Method: REG/P-F/AUD; 1 credit
0101 M.....6:00pm- 7:00pm (P 3225A) Mietus, W

EDIT499M Workshops, Clinics, and Institutes: Career/Vocational Special Education Field Experience; Grade Method: REG/P-F/AUD; Registration in EDSP678G required. — 3 credits
0101 Time and room to be arranged — Beatty, C

EDIT605 Principles and Problems of Business Education; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (Arranged) — Boyce, J

EDIT607 Philosophy of Industrial Arts Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm-10:00pm (P 3225) — Luetkemeyer, J

EDIT640 Research in Industrial Arts and Vocational Education; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (P 3225A) — Mietus, W

EDIT642 Coordination in Work-experience Programs; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (P 3225) — Kiss, M

EDIT647 Seminar in Industrial Arts and Vocational Education; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (P 3225A) — Mietus, W

EDIT760 Modes of Inquiry in Industrial and Social Institutions; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (P 1202) — Hultgren, F

EDIT788A Selected Topics in Education: Laboratory Practicum in Industrial Arts Education; Grade Method: REG/AUD; For graduate students only. — 3 credits
0101 MWF.....8:00am-10:00am (P 1201) — Maley, D
MWF.....8:00am-10:00am (P 2215) LAB

EDIT788C Selected Topics in Education: Joint Seminar, Industrial Arts/Vocational Technical Education; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (P 1202) — Stough, K

EDIT788Z Selected Topics in Education: Microcomputer Applications in Technology and Industry; Grade Method: REG/AUD; — 3 credits
(PermReq)
0101 W.....4:15pm- 7:00pm (P 3225) — Elkins, R

EDIT798 Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits
(PermReq)

EDIT799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits
(PermReq)

EDIT821 Seminar in Business Education; Grade Method: REG/AUD; Joint vocational education seminar. — 3 credits
0101 W.....4:15pm- 7:00pm (P 1202) — Stough, K

EDIT888 Apprenticeship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits
(PermReq)

EDIT889 Internship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits
(PermReq)

EDIT899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits
(PermReq)

EDMS Measurement, Statistics, and Evaluation (Education)

EDMS451 Introduction to Educational Statistics; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (00 4233) — STAFF
0201 TuTh.....2:00pm- 3:15pm (00 4233) — STAFF
0301 MW.....2:00pm- 3:15pm (00 4233) — Van Melis-Wrigh
0401 TuTh.....12:30pm- 1:45pm (00 4233) — STAFF
0501 MW.....12:30pm- 1:45pm (00 4233) — STAFF
0601 MW.....11:00am-12:15pm (00 4233) — STAFF
0701 TuTh.....11:00am-12:15pm (00 4233) — STAFF

EDMS626 Measurement Techniques For Research; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (AS 3215) — Johnson, C

EDMS645 Quantitative Research Methods I; Grade Method: REG/AUD; — 3 credits
0101 Th.....5:00pm- 6:40pm (AS 2203) — Owings, M
Tu.....5:00pm- 6:40pm (AS 3219) LAB
0102 Th.....5:00pm- 6:40pm (AS 2203) — Owings, M
M.....5:00pm- 6:40pm (AS 3219) LAB
0103 Th.....5:00pm- 6:40pm (AS 2203) — Owings, M
M.....7:00pm- 8:40pm (00 4233) LAB
0104 Th.....5:00pm- 6:40pm (AS 2203) — Owings, M
Tu.....7:00pm- 8:40pm (AS 3221) LAB

EDMS646 Quantitative Research Methods II; Grade Method: REG/AUD; Prerequisite: EDMS 645. — 3 credits
0101 Th.....7:00pm- 8:40pm (AS 1213) — Schafer, W
M.....5:00pm- 6:40pm (AS 3215) LAB
0103 Th.....7:00pm- 8:40pm (AS 1213) — Schafer, W
Tu.....7:00pm- 8:40pm (AS 3211) LAB

EDMS647 Introduction to Evaluation Models; Grade Method: REG/AUD; Prerequisite: EDMS 646. — 3 credits
0101 Th.....4:15pm- 7:00pm (AS 3217) — Benson, J

EDMS651 Intermediate Statistics in Education; Grade Method: REG/AUD; Prerequisite: EDMS 646. — 3 credits
0101 TuTh.....4:15pm- 5:30pm (00 4233) — Schafer, W
0201 MW.....4:15pm- 5:30pm (00 4233) — Johnson, C

EDMS657 Factor Analysis; Grade Method: REG/AUD; — 3 credits
(PermReq)
0101 M.....4:15pm- 7:00pm (AS 3217) — Dayton, C

EDMS723 Measurement Theory I; Grade Method: REG/AUD; Prerequisites: EDMS 622 and 651. — 3 credits
0101 Time and room to be arranged — STAFF

EDMS769D Special Topics in Applied Statistics in Education: Sampling Theory and Practice; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (00 3233) — Stunkard, C

EDMS769K Special Topics in Applied Statistics in Education: Applied Measurement: Issues and Practices; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (AS 3217) — Benson, J

EDMS798 Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDMS799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDMS889 Internship in Measurement and Statistics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDMS899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

EDPA Education Policy, Planning and Administration (Education)

EDPA301 Foundations of Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (00 2119) — Hopkins, R
0201 MWF.....10:00am-10:50am (00 0206) — Hopkins, R
0301 TuTh.....9:30am-10:45am (00 2101) — Agre, G
0401 TuTh.....11:00am-12:15pm (00 2102) — Agre, G
0501 TuTh.....2:00pm- 3:15pm (00 0210) — Huden, D
0601 W.....4:15pm- 7:00pm (00 1121) — Lindsay, R
0701 Tu.....7:00pm- 9:45pm (00 1121) — Noll, J

EDPA386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits
(PermReq)

EDPA387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits
(PermReq)

EDPA440 Utilization of Educational Media; Grade Method: REG/AUD; — 3 credits
0201 M.....4:15pm- 7:00pm (00 0202) — Splaine, J

EDPA441 Instructional Materials Development; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (00 2102) — Splaine, J

EDPA489 Field Experiences in Education; Grade Method: REG/P-F/AUD; Limited to majors in EDPA specializations. Masters approved field experiences. Consent of advisor. — 1-4 credits
(PermReq)
0101 Time and room to be arranged — Andrews Jr., J

EDPA498 Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits
(PermReq)

EDPA610 History of Western Education; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (00 2203) — Lindsay, R

EDPA620 Education Policy Analysis; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (00 1203) — Stephens, E

EDPA634 The School Curriculum; Grade Method: REG/AUD; — 2-3 credits
0101 Th.....4:15pm- 7:00pm (LL 0103) — King, N

EDPA636 Communication and the School Curriculum; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (AS 3219) — Berman, L

EDPA644 Practicum in Educational Communications; Grade Method: REG/AUD; — 3 credits
(PermReq)
0101 Time and room to be arranged — Splaine, J

EDPA650 Professional Seminar in Higher and Adult Education; Grade Method: S-F; — 3 credits
0101 Th.....7:00pm- 9:45pm (00 2102) — STAFF

EDPA652 Higher Education in American Society; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (LL 2125) — Berdahl, R

EDPA653 Organization and Administration of Higher Education; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (00 2119) — Schmidtlein, F

EDPA655 Administration of Adult and Continuing Education; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (00 3233) — Carbone, R

EDPA657 History of Higher Education in the United States; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (00 0114) — Finkelstein, B

EDPA660 Administrative Foundations; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (00 2119) — Intriligator, B

EDPA661 Administrative Behavior and Organizational Management; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (00 1107) — Goldman, H

EDPA662 Administrative Processes; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (LL 2123) — McLoone, E

EDPA667 Public School Supervision; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (00 2119) — Dudley, J

EDPA690 Research Issues in Education Policy, Planning and Administration; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:45pm (00 2119) — Slater, R

EDPA751 Law and Higher Education Policy; Grade Method: REG/AUD: — 3 credits
0101 Tu.....7:00pm- 9:45pm (00 3236) — Clague, M

EDPA757 College Teaching; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (LL 2120) — Selden, S

EDPA788C Special Topics in Education Policy and Administration: Synthesis Seminar; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm-10:00pm (00 1107) — Intriligator, B

EDPA788N Special Topics in Education Policy and Administration: Curriculum and the Future; Grade Method: REG/AUD; — 3 credits
0101 Tu.....1:00pm- 3:45pm (00 1107) — Berman, L

EDPA788Z Special Topics in Education Policy and Administration: Computer Data Bases in Education Administration; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (00 0202) — McLoone, E

EDPA798 Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits
(PermReq)

EDPA799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits
(PermReq)

EDPA861 Seminar: Research in School Effectiveness; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (00 2101) — Goldman, H

EDPA889 Internship in Education; Grade Method: REG/AUD; Interns in administration register in section 0101; Higher and adult education in section 0201; Curriculum and educational technology in section 0301; Social foundation in section 0401. — 3-8 credits
(PermReq)
0101 Time and room to be arranged — Stephens, E
0201 Time and room to be arranged — Carbone, R
0301 Time and room to be arranged — Selden, S
0401 Time and room to be arranged — Noll, J

EDPA895 Research Critique Seminar; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (00 3236) — Huden, D

EDPA899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits
(PermReq)

EDSP Education, Special (Education)

EDSP210 Introduction to Special Education; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:30pm (00 0114) — Liebert, J

EDSP320 Introduction to Assessment in Special Education; Grade Method: REG/AUD; Limited to undergraduate special education majors. Students must register concurrently in EDSP 321 and 322. Prerequisite: EDSP 210. — 3 credits
0101 MW.....1:15pm- 2:45pm (00 2101) — Harris, K
0201 MW.....1:15pm- 2:45pm (00 2119) — Speece, D

EDSP321 Comparative Approaches to Behavior and Classroom Management in Special Education; Grade Method: REG/AUD; Limited to undergraduate special education majors. Students must register concurrently in EDSP 320 and 322. Prerequisite: EDSP 210. — 3 credits
0101 MW.....2:45pm- 4:15pm (00 2101) — Gradel, K
0201 MW.....2:45pm- 4:15pm (00 2119) — Egel, A

EDSP322 Field Placement in Special Education I; Grade Method: REG/AUD; Limited to undergraduate special education majors. Students must reserve two half days (8-1) for this experience. Concurrent registration with EDSP 320 and 321 required. — 3 credits
0101 F.....9:00am-10:30am (00 1203) — Amoia, C
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....9:00am-10:30am (00 1121) — Amoia, C
TuTh.....8:00am- 1:00pm (Arranged) LAB
0301 F.....10:30am-12:00pm (00 1203) — Amoia, C
MW.....8:00am- 1:00pm (Arranged) LAB
0401 F.....10:30am-12:00pm (00 1121) — Amoia, C
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP349 Student Teaching of Exceptional Children; Grade Method: S-F; Limited to special education majors who have pre-registered with the Special Education Department. — 8 credits
0101 Time and room to be arranged — Amoia, C

EDSP400 Curriculum and Instructional Methods For Severely Handicapped Students; Grade Method: REG/AUD; Prerequisite: EDSP 600 or 210. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 402 or EDSP 431. — 3 credits
0101 W.....4:15pm- 7:00pm (LL 0103) — Kohl, F

EDSP402 Field Placement: Severely Handicapped I; Grade Method: REG/AUD; Students must reserve four half days (8-1) for this experience. Students must register concurrently in EDSP 400 and EDSP 404. — 5 credits
0101 F.....10:30am-12:00pm (00 1315) — Kohl, F
MTuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP402A Field Placement: Severely Handicapped I; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. — 2-5 credits
0101 Time and room to be arranged LAB — Kohl, F
0201 Time and room to be arranged LAB — Egel, A
0301 Time and room to be arranged LAB — Beckman, P

EDSP404 Education of Autistic Children; Grade Method: REG/AUD; Prerequisite: EDSP 210 or EDSP 600 and EDSP 321, or consent of instructor. Practicum required. Placement arranged for students not concurrently enrolled in EDSP 402. — 3 credits
0101 Th.....4:15pm- 7:00pm (LL 1104) — Egel, A

EDSP411 Field Placement: Severely Handicapped III; Grade Method: REG/AUD; Prerequisite: EDSP 405; Concurrent enrollment in EDSP 412. — 5 credits
0101 F.....9:00am-10:30am (00 1315) — Kohl, F
MTuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP411A Field Placement: Severely Handicapped III; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. — 2-5 credits
0101 Time and room to be arranged LAB — Kohl, F
0201 Time and room to be arranged LAB — Egel, A
0301 Time and room to be arranged LAB — Beckman, P

EDSP412 Vocational Instruction For Severely Handicapped Students; Grade Method: REG/AUD; Prerequisite: EDSP 210 or 600, and EDSP 400, or consent of instructor. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 411. — 3 credits
0101 Tu.....4:15pm- 7:00pm (LL 2102) — Gradel, K

EDSP417 Student Teaching: Severely Handicapped; Grade Method: S-F; Limited to special education majors who have preregistered with the Special Education Department. — 11 credits
0101 Time and room to be arranged — Amoia, C

EDSP420 Developmental and Behavioral Characteristics of Nonhandicapped and Handicapped Infants and Young Children; Grade Method: REG/AUD; Prerequisite: EDSP 600 or 210. Practicum required. Placement arranged for students not concurrently enrolled in EDSP 421 or EDSP 411. — 3 credits
0101 TuTh.....1:15pm- 2:45pm (00 0206) — Beckman, P

EDSP421 Field Placement: Early Childhood Special Education I; Grade Method: REG/AUD; Corequisite: EDSP 420. Students must reserve two half days (8-1) for this experience. — 3 credits
0101 F.....10:30am-12:00pm (00 1107) — Beckman, P
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....10:30am-12:00pm (00 1107) — Beckman, P
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP421A Field Placement: Early Childhood Special Education I; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. — 2-3 credits
0101 Time and room to be arranged LAB — Beckman, P
0201 Time and room to be arranged LAB — Kohl, F
0301 Time and room to be arranged LAB — Ogle, P
0401 Time and room to be arranged LAB — Cooper, D

EDSP423 Psychoeducational Assessment of Preschool Handicapped Children; Grade Method: REG/AUD; Prerequisite EDSP 420 and 422 Co-requisite: EDSP 430 and 431. — 3 credits
0101 MW.....1:15pm- 2:45pm (00 0206) — Cooper, D

EDSP430 Intervention Techniques and Strategies For Preschool Handicapped Children (Severe to Moderate, Birth - 6 Years); Grade Method: REG/AUD; Prerequisite: EDSP 210 or EDSP 600 and EDSP 420. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 431. — 3 credits
0101 Tu.....4:15pm- 7:00pm (00 0206) — Beckman, P

EDSP431 Field Placement: Early Childhood Special Education III (Severe to Moderate); Grade Method: REG/AUD; Prerequisite: EDSP 424. Corequisite: EDSP430 and 423. — 4 credits
0101 F.....9:00am-10:30am (00 1107) — Beckman, P
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP431A Field Placement: Early Childhood Special Education III (Severe to Moderate); Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. — 2-4 credits
0101 Time and room to be arranged LAB — Beckman, P
0201 Time and room to be arranged LAB — Kohl, F
0301 Time and room to be arranged LAB — Ogle, P
0401 Time and room to be arranged LAB — Cooper, D

EDSP437 Student Teaching: Early Childhood Special Education; Grade Method: S-F; Limited to special education majors who have preregistered with the Special Education Department. — 11 credits
0101 Time and room to be arranged — Amoia, C

EDSP441 Assessment and Instructional Design for the Educationally Handicapped: Oral Language and Communication Disorders; Grade Method: REG/AUD; Prerequisites: EDSP 320 or EDSP 600. Practicum required. Placement arranged for students not concurrently enrolled in EDSP 442 or EDSP 431. — 3 credits
0101 MW.....2:45pm- 4:15pm (00 0206) — Speece, D

EDSP442 Field Placement: Educationally Handicapped I; Grade Method: REG/AUD; Corequisite: EDSP 441. Students must reserve two half days (8-1) for this experience. — 3 credits
0101 F.....10:30am-12:00pm (00 2101) — Graham, S
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....10:30am-12:00pm (00 2101) — Graham, S
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP442A Field Placement: Educationally Handicapped I; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. — 2-3 credits
0101 Time and room to be arranged LAB — Graham, S
0201 Time and room to be arranged LAB — Leone, P
0301 Time and room to be arranged LAB — Harris, K
0401 Time and room to be arranged LAB — Speece, D
0501 Time and room to be arranged LAB — Cooper, D
0601 Time and room to be arranged LAB — Simms, B
0701 Time and room to be arranged LAB — Hebeler, J
0801 Time and room to be arranged LAB — Seidman, E

EDSP446 Instructional Design for the Educationally Handicapped: Functional Living Skills; Grade Method: REG/AUD; Corequisite: EDSP 447 or EDSP 465 — 3 credits
0101 TuTh.....1:15pm- 2:45pm (00 2101) — Graham, S

EDSP447 Field Placement: Educationally Handicapped III; Grade Method: REG/AUD; Prerequisite: EDSP 445; Corequisite: EDSP 446 and 450. — 4 credits
0101 F.....9:00am-10:30am (00 2101) — Graham, S
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP447A Field Placement: Educationally Handicapped — 2-4 credits

III; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements.
0101 Time and room to be arranged LAB Graham, S
0201 Time and room to be arranged LAB Leone, P
0301 Time and room to be arranged LAB Harris, K
0401 Time and room to be arranged LAB Speece, D
0501 Time and room to be arranged LAB Cooper, D
0601 Time and room to be arranged LAB Simms, B
0701 Time and room to be arranged LAB Hebeler, J
0801 Time and room to be arranged LAB Seidman, E

EDSP450 Program Management For the Educationally Handicapped; Grade Method: REG/AUD; Corequisite: EDSP 446 and 447 or EDSP 465. — 3 credits
0101 MW.....2:45pm- 4:15pm (00 0202) Liebert, J

EDSP457 Student Teaching: Educationally Handicapped; Grade Method: S-F; Limited to special education majors who have preregistered with the Special Education Department. — 11 credits
0101 Time and room to be arranged Amoia, C

EDSP460 Career/vocational Education For the Handicapped; Grade Method: REG/AUD; Prerequisite - EDSP 600 or 210. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 461 or EDSP 411. — 3 credits
0101 M.....4:15pm- 7:00pm (LL 1104) Neubert, D

EDSP461 Field Placement: Career/Vocational I; Grade Method: REG/AUD; Students must reserve two half days (8-1) for this experience. Corequisite: EDSP 460. — 3 credits
0101 F.....10:30am-12:00pm (00 2102) Amoia, C
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....10:30am-12:00pm (00 2102) Amoia, C
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP461A Field Placement: Career/Vocational I; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. — 2-3 credits
0201 Time and room to be arranged LAB STAFF

EDSP465 Field Placement: Career/Vocational III; Grade Method: REG/AUD; Prerequisite: EDSP 463. — 3 credits
0101 F.....9:00am-10:30am (00 2102) Amoia, C
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....9:00am-10:30am (00 2102) Amoia, C
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP465A Field Placement: Career/Vocational III; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. — 2-3 credits
0101 Time and room to be arranged LAB STAFF

EDSP467 Student Teaching: Career/Vocational; Grade Method: S-F; Limited to special education majors who have preregistered with the Special Education Department. — 11 credits
0101 Time and room to be arranged Amoia, C

EDSP470 Introduction to Special Education; Grade Method: REG/AUD; Not open to undergraduate special education or pre-special education majors. — 3 credits
0101 W.....4:15pm- 7:00pm (00 2119) Seidman, E
0201 M.....7:00pm- 9:45pm (00 2119) Hebeler, J

EDSP471 Characteristics of Exceptional Children: Mentally Retarded; Grade Method: REG/AUD; Prerequisite: EDSP 470 or consent of instructor. Not open to undergraduate EDSP majors. — 3 credits
0101 Tu.....7:00pm- 9:45pm (00 2119) Seidman, E

EDSP481 Characteristics of Exceptional Children: Gifted; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (00 2119) Simms, B

EDSP482 Education of Exceptional Children: Gifted; Grade Method: REG/AUD; Prerequisite: EDSP 481 or equivalent. — 3 credits
0101 W.....4:15pm- 7:00pm (00 0210) Simms, B

EDSP489 Field Experiences in Special Education; Grade Method: REG/AUD; — 1-4 credits
0101 Time and room to be arranged Amoia, C

EDSP491 Characteristics of Exceptional Children: Perceptual Learning Problems; Grade Method: REG/AUD; Prerequisite: EDSP 470, 600 or consent of instructor. — 3 credits
0101 Th.....4:15pm- 7:00pm (00 1203) Simms, B

EDSP498 Special Problems in Teacher Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. — 1-6 credits

EDSP498B (PermReq) Special Problems in Teacher Education: Career Development and Advising; Grade Method: REG/P-F/AUD; Limited to special education majors. — 1-6 credits
0101 F.....12:00pm- 2:00pm (Arranged) STAFF

EDSP498R Special Problems in Teacher Education: The Exceptional Child in the Regular Classroom; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (00 2101) Hebeler, J

EDSP499M Workshops, Clinics, and Institutes in Special Education: Fundamentals of Sign Language I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....4:15pm- 5:30pm (00 0114) Aiello, E
0201 MW.....5:45pm- 7:00pm (00 0114) Aiello, E

EDSP499S Workshops, Clinics, and Institutes in Special Education: Fundamentals of Sign Language II; Grade Method: REG/P-F/AUD; Prerequisite:EDSP 499M or permission of instructor — 3 credits
0101 W.....4:15pm- 7:00pm (LL 3203) Aiello, E

EDSP600 Exceptional Children and Youth; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:45pm (00 0202) Cooper, D

EDSP601 Emotionally Handicapped Children and Youth; Grade Method: REG/AUD; Prerequisite: EDSP 600. — 3 credits
0101 W.....4:15pm- 7:00pm (LL 1104) Leone, P

EDSP605 The Exceptional Child and Society; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (00 1203) Seidman, E

EDSP610 Administration and Supervision of Special Education Programs; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (00 1203) Hebeler, J

EDSP615 Evaluation and Measurement of Exceptional Children and Youth; Grade Method: REG/AUD; Prerequisite: EDSP 600. — 3 credits
0101 W.....7:00pm- 9:45pm (00 2101) Harris, K

EDSP625 Problems in the Education of the Mentally Retarded; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (LL 1226) Kohl, F

EDSP678A Seminar in Special Education: Master's Research Seminar; Grade Method: REG/AUD; For master's students in special education. — 3 credits
0101 Tu.....7:00pm- 9:45pm (00 1203) STAFF

EDSP678L Seminar in Special Education: Special Education and the Criminal Justice System; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (00 2203) Leone, P

EDSP678P Seminar in Special Education: The Handicapped Individual and Educational Policy; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (LL 1109) McLaughlin, M

EDSP678V Seminar in Special Education: Current Issues in Career Vocational Education for Handicapped Individuals; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (00 2203) Neubert, D

EDSP798 Special Problems in Teacher Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. — 1-6 credits

EDSP798B Special Problems in Teacher Education: Joint Vocational Education Seminar; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (P 1202) Stough, K

EDSP798K Special Problems in Teacher Education: Research on Microcomputers in Special Education; Grade Method: REG/AUD; — 1-6 credits
0101 Th.....4:00pm- 5:30pm (00 1220) Macarthur, C
Time and room to be arranged LAB

EDSP799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number Limited to special education majors — 1-6 credits

EDSP860 Doctoral Research Seminar; Grade Method. REG/AUD; Limited to doctoral students in special education. — 3 credits
0101 Tu.....4:15pm- 7:00pm (00 2203) Graham, S

EDSP888 Apprenticeship in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. — 1-8 credits

EDSP889 Internship in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. — 3-8 credits

EDSP899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. — 1-8 credits

---

EDUC Education (Education)

EDUC388 (PermReq) Special Topics in Education: Guided Experiences in College Teaching I; Grade Method: REG/P-F/AUD; Enrollment only by permission of Dean for Undergraduate Studies. — 1-3 credits
0101 M.....4:00pm- 6:00pm (LL 0103) LAB Carr, J

ENAE Engineering, Aerospace (Engineering)

ENAE201 Introduction to Aerospace Engineering I; Grade Method: REG/P-F/AUD; — 2 credits
0101 MW.....8:00am- 8:50am (U 2110) Yanta, W

ENAE202 Introduction to Aerospace Engineering II; Grade Method: REG/P-F/AUD; — 2 credits
0101 MW.....9:00am- 9:50am (J 0110) Fabunmi, J

ENAE305 Aerospace Laboratory I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....1:00pm- 1:50pm (C 0119) Winkelmann, A
M.....2:00pm- 5:00pm (S 0121) LAB
0102 TuTh.....1:00pm- 1:50pm (C 0119) Winkelmann, A
Tu.....2:00pm- 5:00pm (S 0121) LAB
0103 TuTh.....1:00pm- 1:50pm (C 0119) Winkelmann, A
W.....2:00pm- 5:00pm (S 0121) LAB
0104 TuTh.....1:00pm- 1:50pm (C 0119) Winkelmann, A
Th.....2:00pm- 5:00pm (S 0121) LAB
0105 TuTh.....1:00pm- 1:50pm (C 0119) Winkelmann, A
F.....2:00pm- 5:00pm (S 0121) LAB

ENAE345 Flight Dynamics; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....4:00pm- 5:15pm (C 0115) Barlow, J

ENAE371 Aerodynamics I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....4:15pm- 5:30pm (U 2108) Korkegi, R

ENAE398 (PermReq) Honors Research Project; Grade Method: REG/P-F; — 3 credits
0101 Time and room to be arranged Barlow, J

ENAE401 Aerospace Laboratory II; Grade Method: REG/P-F/AUD; — 2 credits
0101 Th.....10:00am-10:50am (C 0115) Winkelmann, A
M.....2:00pm- 5:00pm (S 0121) LAB
0102 Th.....10:00am-10:50am (C 0115) Winkelmann, A
Tu.....3:30pm- 6:30pm (S 0121) LAB
0103 Th.....10:00am-10:50am (C 0115) Winkelmann, A
W.....2:00pm- 5:00pm (S 0121) LAB
0104 Th.....10:00am-10:50am (C 0115) Winkelmann, A
Th.....3:30pm- 6:30pm (S 0121) LAB
0105 Th.....10:00am-10:50am (C 0115) Winkelmann, A
F.....2:00pm- 5:00pm (S 0121) LAB

ENAE411 Aircraft Design: Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (J 1108) Weissman, C

ENAE445 Stability and Control of Aerospace Vehicles; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (C 0127) Regan, F

ENAE451 Flight Structures I: Introduction to Solid Mechanics; Grade Method: REG/P-F/AUD; — 4 credits
0101 MWF.....10:00am-10:50am (ZP 2283) STAFF
M.....1:15pm- 4:15pm (C 0119) LAB

ENAE452 Flight Structures II: Structural Elements; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (J 0110) Krayterman, B

ENAE453 Matrix Methods in Computational Mechanics; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....4:30pm- 7:00pm (J 3102) Chander, S

ENAE461 Flight Propulsion I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (AR 0117) Fabunmi, J

ENAE471 Aerodynamics II; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....7:45am- 9:00am (AR 0116) Waltrup, P

ENAE473 Aerodynamics of High-Speed Flight; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (J 2102) Melnik, W

ENAE475 Viscous Flow and Aerodynamic Heating; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (J 0110) Jones, E

ENAE488 (PermReq) Topics in Aerospace Engineering; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

ENAE488A Topics in Aerospace Engineering: Astronautics; Grade Method: REG/P-F/AUD; — 1-4 credits
0101 WF.....5:15pm- 6:30pm (J 2154) Kammeyer, P

ENAE488F Topics in Aerospace Engineering: Composite Structures; Grade Method: REG/P-F/AUD; — 1-3 credits
0101 MW.....9:00am-10:15am (J 1110) Lee, S

ENAE499 (PermReq) Elective Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENAE631 Helicopter Aerodynamics I; Grade Method: REG/AUD; — 3 credits
0101 Th.....1:00pm- 3:30pm (J 0144) Gessow, A

ENAE635 Helicopter Stability and Control; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (J 0104) Barlow, J

ENAE650 Variational Methods in Structural Mechanics; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:30pm- 6:00pm (J 2102) Kushner, A

ENAE653 Nonlinear Finite Element Analysis of Continua; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....9:00am-10:15am (J 2102) Lee, S

ENAE654 Composite Structures; Grade Method: REG/AUD; — 3 credits
0101 MW.....9:00am-10:15am (J 1110) Lee, S

ENAE655 Structural Dynamics I; Grade Method: REG/AUD; — 3 credits
0101 MW.....11:00am-12:15pm (J 0104) Chopra, I

ENAE671 Aerodynamics of Incompressible Fluids; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....4:00pm- 5:15pm (J 1110) Chien, K

ENAE673 Aerodynamics of Compressible Fluids; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....7:45am- 9:00am (ITV 1100) Vamos, J

ENAE675 Aerodynamics of Viscous Fluids; Grade Method: REG/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (J 0108) Jones, E

ENAE788 (PermReq) Selected Topics in Aerospace Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENAE788C Selected Topics in Aerospace Engineering: Hypersonic Aerodynamics; Grade Method: REG/AUD; — 1-3 credits
0101 MW.....8:00am- 9:15am (ITV 1100) Billig, F

ENAE788E Selected Topics in Aerospace Engineering: Computational Fluid Dynamics I; Grade Method: REG/AUD; — 1-3 credits
0101 MW.....5:00pm- 6:15pm (J 2107) Jones, E

ENAE799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENAE899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

ENAG Engineering Agricultural (Agriculture)

ENAG100 Basic Agricultural Engineering Technology; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (I 1105) Muller Jr., R

ENAG200 Introduction to Farm Mechanics; Grade Method: REG/P-F; Course cannot be audited. — 2 credits
0101 M.....1:00pm- 1:50pm (I 0106) Grant, L
M.....2:00pm- 5:00pm (I 0108) LAB

ENAG 234, 236 and 237 are a series of one credit mini-courses in aspects of soil and water engineering. Students may elect one course or any combination to three credits. Students must enroll for each course - one credit per course. ENAG234 begins Sept. 03 and ends Oct. 06; ENAG 236 begins Oct. 08 and ends Nov. 10; ENAG 237 begins Nov. 12 and ends Dec. 12. All courses meet at same time and room - MWF 11:00; I 0106.

ENAG234 Principles of Erosion and Water Control; Grade Method: REG/P-F/AUD; — 1 credit
0101 Meets 09/03/86 - 10/06/86 STAFF
MWF.....11:00am-11:50am (I 0106)

ENAG236 Design of Drainage Systems; Grade Method: REG/P-F/AUD; — 1 credit
0101 Meets 10/08/66 - 11/10/86 STAFF
MWF.....11:00am-11:50am (I 0106)

ENAG237 Design of Irrigation Systems; Grade Method: REG/P-F/AUD; — 1 credit
0101 Meets 11/12/86 - 12/12/86 STAFF
MWF.....11:00am-11:50am (I 0106)

ENAG305 Farm Mechanics; Grade Method: REG/P-F/AUD; Open to seniors in AGRI and EXT ED only. — 2 credits
0101 Tu.....1:00pm- 1:50pm (I 0106) Grant, L
Tu.....2:00pm- 5:00pm (I 1109) LAB

ENAG315 Energy: Its Effects On Agriculture and Food; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 MWF.....11:00am-11:50am (E 0226) Yeck, R

ENAG421 Power Systems; Grade Method: REG/P-F/AUD; — 3 credits
0101 WF.....11:00am-11:50am (I 1105) STAFF
W.....2:00pm- 5:00pm (I 0106) LAB

ENAG422 Soil and Water Engineering; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (I 0106) STAFF

ENAG489 (PermReq) Special Problems in Agricultural Engineering; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENAG499 (PermReq) Special Problems in Agricultural Engineering Technology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENAG688 (PermReq) Advanced Topics in Agricultural Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

ENAG688T (PermReq) Advanced Topics in Agricultural Engineering: Techniques for Teaching Agricultural Engineering; Grade Method: REG/AUD; Approval of instructor prior to enrollment required. — 1 credit
0101 TBA (I 1112) Johnson, A

ENAG688X Advanced Topics in Agricultural Engineering: Data Collection and Analysis Using Micro Computer; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-11:50am (I 1105) Johnson, A
Th.....2:00pm- 4:00pm (I 1105) LAB

ENAG698 Seminar; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Stewart, L

ENAG699 (PermReq) Special Problems in Agricultural and Aquacultural Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENAG799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENAG899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

ENCE Engineering, Civil (Engineering)

ENCE221 (PermReq) Introduction to Environmental Engineering; Grade Method: REG/P-F/AUD; — 3 credits
0201 TuTh.....9:30am-10:45am (J 0108) STAFF

ENCE280 (PermReq) Engineering Survey Measurements; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (J 1120) STAFF
Tu.....1:00pm- 4:00pm (J 1110) LAB
0102 TuTh.....11:00am-12:15pm (J 1120) STAFF
Th.....1:00pm- 4:00pm (J 1110) LAB

ENCE300 (PermReq) Fundamentals of Engineering Materials; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....1:00pm- 1:50pm (J 1126) STAFF
M.....2:00pm- 5:00pm (S 0106A) LAB
0102 TuTh.....1:00pm- 1:50pm (J 1126) STAFF
Tu.....2:00pm- 5:00pm (S 0106A) LAB
0103 TuTh.....1:00pm- 1:50pm (J 1126) STAFF
Th.....2:00pm- 5:00pm (S 0106A) LAB

ENCE330 (PermReq) Basic Fluid Mechanics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (J 0108) STAFF
0201 MWF.....10:00am-10:50am (J 1120) STAFF

ENCE340 (PermReq) Fundamentals of Soil Mechanics; Grade Method: REG/P-F/AUD; — 3 credits
0201 MWF.....9:00am- 9:50am (J 1104) STAFF

ENCE350 (PermReq) Structural Analysis and Design I; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....9:30am-10:45am (J 1110) STAFF
0201 TuTh.....9:30am-10:45am (C 0127) STAFF

ENCE351 Structural Analysis and Design II; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....11:00am-12:15pm (J 3106) STAFF

ENCE360 Engineering Analysis and Computer Programming; Grade Method: REG/P-F/AUD; 4 credits
(PermReq)
0101 TuTh.....8:00am- 9:15am (U 2108) STAFF
W.....2:00pm- 5:00pm (J 1106) LAB
0102 TuTh.....8:00am- 9:15am (U 2108) STAFF
Th.....2:00pm- 5:00pm (J 1106) LAB

ENCE370 Fundamentals of Transportation Engineering; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....3:30pm- 4:45pm (J- 0108) STAFF

ENCE410 Advanced Strength of Materials; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MW.....2:00pm- 3:15pm (J 1120) Garber Jr., D

ENCE421 Construction Engineering; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....9:00am- 9:50am (J 0104) Smith, M

ENCE432 Ground Water Hydrology; Grade Method REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....9:00am- 9:50am (J 2154) Sternberg, Y

ENCE433 Environmental Engineering Analysis; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MF.....8:00am- 8:50am (J 0108) Birkner, F
F.....12:00pm- 3:00pm (C 1105) LAB
0102 MF.....8:00am- 8:50am (J 0108) Birkner, F
F.....12:00pm- 3:00pm (C 1106) LAB

ENCE434 Air Pollution; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....2:00pm- 3:15pm (C 0127) Dickerson, R

ENCE435 Sanitary Engineering Analysis and Design; Grade Method: REG/P-F/AUD; 4 credits
(PermReq)
0101 MWF.....11:00am-11:50am (J 0135) Hao, O
M.....2:00pm- 5:00pm (J 1106) LAB

ENCE440 Engineering Soil Tests; Grade Method: REG/P-F/AUD; 4 credits
(PermReq)
0101 TuTh.....1:00pm- 1:50pm (J 0108) STAFF
MW.....2:00pm- 5:00pm (S 01068) LAB
0102 TuTh.....1:00pm- 1:50pm (J 0108) STAFF
TuTh.....2:00pm- 5:00pm (S 01068) LAB

ENCE441 Soil-Foundation Systems; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....11:00am-12:15pm (J 0104) STAFF

ENCE450 Design of Steel Structures; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....9:30am-10:45am (J 2154) Schelling, D

ENCE461 Analysis of Civil Engineering Systems I; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....11:00am-12:15pm (J 1106) Perl, J

ENCE463 Engineering Economics and System Analysis; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....1:00pm- 1:50pm (J 1106) STAFF

ENCE470 Highway Engineering; Grade Method: REG/P-F/AUD; 4 credits
(PermReq)
0101 MWF.....10:00am-10:50am (J 1106) STAFF
W.....2:00pm- 5:00pm (J 0110) LAB

ENCE489 Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits
(PermReq)

ENCE489C Special Problems: Construction Scheduling and Estimating; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 TuTh.....2:00pm- 3:15pm (J 3102) Bernold, L
W.....2:00pm- 5:00pm (C 0119) LAB

ENCE489D Special Problems: Design of Construction Operations; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....3:30pm- 4:45pm (J 1102) Halpin, D

ENCE489E Special Problems: Construction Contracts and Specifications; Grade Method: REG; 3 credits
(PermReq)
0101 MW.....6:30pm- 7:45pm (J 2154) Steelman, R

ENCE489N Special Problems: Computer Applications in Civil Engineering; Grade Method: REG: 3 credits
(PermReq)
0101 TuTh.....12:30pm- 1:45pm (J 0135) Schwartz, C

ENCE489V Special Problems: Geographic Information Systems for Land and Water Resource Analysis; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....8:00am- 8:50am (J 2154) Ragan, R

ENCE489X Special Problems: Residential Building Construction; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....12:30pm- 1:45pm (J 1106) Stearman, D

ENCE489Z Special Problems: Engineering Ethics and Professionalism; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 MWF..... ...9:00am- 9:50am (J 1124) McCuen, R

ENCE610 Advanced Strength of Materials, Grade Method: REG; 3 credits
0101 MW..... 2:00pm- 3:15pm (J 1110) Garber Jr., D

ENCE630 Environmental and Water Resource Systems I; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 7:00pm (J 1124) McCuen, R

ENCE636 Unit Operations of Environmental Engineering; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (J 1124) Walters, R

ENCE637 Biological Principles of Environmental Engineering; Grade Method: REG/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (J 1102) Hao, O

ENCE640 Advanced Soil Mechanics; Grade Method: REG/AUD; 3 credits
0101 MW.... ..5:00pm- 6:15pm (J 0104) Schwartz, C

ENCE643 Stability of Earth Structures; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Goodings, D

ENCE644 Engineering Soil Problems of North America; Grade Method: REG; 3 credits
0101 Tu.....5:00pm- 9:00pm (J 0102) Rib, H

ENCE651 Matrix Methods of Structural Analysis; Grade Method: REG; 3 credits
0101 Time and room to be arranged Wolde-Tinsae, A

ENCE652 Analysis of Plate and Shell Structures; Grade Method: REG/AUD; 3 credits
0101 MW.....3:30pm- 4:45pm (J 0104) Chang, P

ENCE660 Engineering Analysis; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (J 1102) Schelling, D

ENCE670 Highway Traffic Characteristics and Measurements; Grade Method: REG/AUD; 3 credits
0101 MW.....6:30pm- 7:45pm (J 1124) Schonfeld, P

ENCE672 Regional Transportation Planning; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (J 0108) STAFF

ENCE674 Urban Transit Planning and Rail Transportation Engineering; Grade Method: REG/AUD; 3 credits
0101 TuTh.....6:30pm- 7:45pm (J 1102) STAFF

ENCE681 Freight Transportation Analysis; Grade Method: REG; 3 credits
0101 TuTh.....5:00pm- 6:15pm (J 1106) Perl, J

ENCE688 Advanced Topics in Civil Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENCE688F Advanced Topics in Civil Engineering: Computer Applications in Construction; Grade Method: REG/AUD; 1-3 credits
0101 MW.....5:00pm- 6:15pm (J 1110) Bernold, L

ENCE688R Advanced Topics in Civil Engineering: Project Acquisition and Risk Management; Grade Method: REG/AUD; 3 credits
0101 MW.....3:30pm- 4:45pm (J 2112) Smith, M

ENCE688S Advanced Topics in Civil Engineering: Cost Engineering and Control; Grade Method: REG/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (J 1120) Halpin, D

ENCE689 Seminar; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

ENCE689C Seminar: Construction; Grade Method: REG/AUD; 1-16 credits
0101 F.....2:00pm- 5:00pm (J 1102) Halpin, D

ENCE733 Applied Water Chemistry; Grade Method: REG/AUD; 4 credits
0101 TuTh.....12:30pm- 1:45pm (J 1102) Birkner, F

ENCE754 Prestressed Concrete Structures; Grade Method: REG/AUD; 3 credits
0101 TuTh. .3:30pm- 4:45pm (J 0104) Ayyub, B

ENCE799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENCE899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

ENCH Engineering, Chemical (Engineering)

ENCH215 Chemical Engineering Analysis; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MW.....11:00am-11:50am (U 2110) Smith, T
F.....11:00am-11:50am (U 2110) DIS
0102 MW.....11:00am-11:50am (U 2110) Smith, T
F.....11:00am-11:50am (U 2116) DIS
0103 MW.....11:00am-11:50am (U 2110) Smith, T
F.....11:00am-11:50am (U 2145) DIS
0104 MW.....11:00am-11:50am (U 2110) Smith, T
F.....11:00am-11:50am (U 2118) DIS

ENCH300 Chemical Process Thermodynamics; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MW.....9:00am- 9:50am (U 2108) McAvoy, T
F.....9:00am- 9:50am (U 2108) DIS
0102 MW.....9:00am- 9:50am (U 2108) McAvoy, T
F.....10:00am-10:50am (C 0122) DIS

ENCH333 Chemical Engineering Seminar; Grade Method: REG/P-F/AUD; 1 credit
(PermReq)
0101 Tu.....1:00pm- 1:50pm (U 2136) Gasner, L

ENCH425 Transport Processes II: Heat Transfer; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MW.....10:00am-10:50am (U 2110) Hsu, Y
F.....10:00am-10:50am (U 2110) DIS
0102 MW.....10:00am-10:50am (U 2110) Hsu, Y
F.....11:00am-11:50am (U 2140) DIS

ENCH437 Chemical Engineering Laboratory; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 Tu.....10:00am-10:50am (U 2145) Regan, T
Th.....10:00am- 5:00pm (Arranged) LAB
0201 Th.....10:00am-10:50am (U 2145) Regan, T
Tu.....10:00am- 5:00pm (Arranged) LAB
0301 Time and room to be arranged Regan, T
Time and room to be arranged LAB

ENCH444 Process Engineering Economics and Design I; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....3:00pm- 3:50pm (U 2110) Beckmann, R
0201 MWF.....1:00pm- 1:50pm (U 2108) Beckmann, R

ENCH450 Chemical Process Development; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....1:00pm- 1:50pm (U 2136) Regan, T

ENCH452 Advanced Chemical Engineering Analysis; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....9:00am- 9:50am (U 2120) Choi, K

ENCH468 Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

ENCH482 Biochemical Engineering; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....11:00am-11:50am (U 2108) Gasner, L

ENCH490 Introduction to Polymer Science; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....10:00am-10:50am (U 2145) Smith, T

ENCH609 Graduate Seminar; Grade Method: REG/AUD; 1 credit
(PermReq)
0101 Tu.....2:00pm- 2:50pm (U 2136) McAvoy, T

ENCH620 Methods of Engineering Analysis; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 MW.....5:30pm- 6:45pm (U 2136) Halemane, K

ENCH630 Transport Phenomena. Grade Method: REG/AUD; 3 credits
(PermReq)
0101 MW.....4:00pm- 5:15pm (U 2136) Calabrese K

ENCH648 Special Problems in Chemical Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits
(PermReq)

ENCH735 Chemical Process Dynamics; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 TuTh.....8:00am- 9:15am (U 2136) Choi, K

ENCH761 Enzyme Engineering; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 TuTh.....4:00pm- 5:30pm (U 2120) Walter, J

ENCH799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

ENCH899 Doctoral Dissertation Research: Chemical Engineering; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits
(PermReq)

ENCO Engineering, Cooperative Education (Engineering)

ENCO0408 Co-op Internship; If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Grade Method: P-F No credit
0101 Time and room to be arranged Ferrell, C

ENCO0409 Co-op Internship; If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Grade Method: P-F No credit
0101 Time and room to be arranged Ferrell, C

ENEE Engineering, Electrical (Engineering)

ENEE204 Systems and Circuits I; Grade Method: REG/P-F/AUD; Prerequisite: MATH 141. Engineering College only (04). 3 credits
(PermReq)
0101 TuTh.....9:30am-10:45am (J 1202) STAFF
M.....1:00pm- 1:50pm (C 0122) DIS
0103 TuTh.....9:30am-10:45am (J 1202) STAFF
Tu.....2:00pm- 2:50pm (C 0128) DIS
0105 TuTh.....9:30am-10:45am (J 1202) STAFF
W.....12:00pm-12:50pm (C 2201) DIS
0106 TuTh.....9:30am-10:45am (J 1202) STAFF
W.....2:00pm- 2:50pm (U 2145) DIS
0107 TuTh.....9:30am-10:45am (J 1202) STAFF
Th.....8:00am- 8:50am (Y 0302) DIS
0108 TuTh.....9:30am-10:45am (J 1202) STAFF
F.....9:00am- 9:50am (J 0110) DIS
0201 TuTh.....9:30am-10:45am (ITV 1100) STAFF

ENEE250 Computer Structures; Grade Method: REG/P-F/AUD; Prerequisite: ENES 240. Engeneering college (04) only. 3 credits
(PermReq)
0101 TuTh.....12:30pm- 1:45pm (AR 0131) STAFF
M.....8:00am- 8:50am (J 3110) DIS
0102 TuTh.....12:30pm- 1:45pm (AR 0131) STAFF
M.....12:00pm-12:50pm (J 0135) DIS
0103 TuTh.....12:30pm- 1:45pm (AR 0131) STAFF
M.....2:00pm- 2:50pm (C 0122) DIS
0104 TuTh.....12:30pm- 1:45pm (AR 0131) STAFF
Tu.....8:00am- 8:50am (J 2112) DIS
0105 TuTh.....12:30pm- 1:45pm (AR 0131) STAFF
Tu.....2:00pm- 2:50pm (C 0124) DIS
0106 TuTh.....12:30pm- 1:45pm (AR 0131) STAFF
Th.....8:00am- 8:50am (J 1124) DIS
0107 TuTh.....12:30pm- 1:45pm (AR 0131) STAFF
Th.....2:00pm- 2:50pm (J 2112) DIS
0108 TuTh.....12:30pm- 1:45pm (AR 0131) STAFF
W.....9:00am- 9:50am (ZP 1124) DIS

ENEE300 Principles of Electrical Engineering, Grade Method: REG/P-F/AUD; Prerequisite: MATH 241 and PHYS 262. Engineering college (04) only. 3 credits
(PermReq)
0101 TuTh.....8:00am- 9:15am (AR 0131) STAFF
Tu.....1:00pm- 1:50pm (ZP 1234) DIS
0102 TuTh.....8:00am- 9:15am (AR 0131) STAFF
Th.....1:00pm- 1:50pm (J 2112) DIS
0103 TuTh.....8:00am- 9:15am (AR 0131) STAFF
Tu.....2:00pm- 2:50pm (J 2154) DIS
0104 TuTh.....8:00am- 9:15am (AR 0131) STAFF
Th.....2:00pm- 2:50pm (C 0128) DIS
0106 TuTh.....8:00am- 9:15am (AR 0131) STAFF
W.....8:00am- 8:50am (C 0128) DIS
0107 TuTh.....8:00am- 9:15am (AR 0131) STAFF
W.....9:00am- 9:50am (C 0122) DIS
0109 TuTh.....8:00am- 9:15am (AR 0131) STAFF
W.....2:00pm- 2:50pm (J 2112) DIS

ENEE301 Electrical Engineering Laboratory; Grade Method: REG/P-F/AUD; Corequisite: ENEE 300. Engineering college (04) only. 1 credit
(PermReq)
0101 F.....8:00am- 8:50am (U 2110) STAFF
M.....1:00pm- 3:00pm (S 0122) LAB
0102 F.....8:00am- 8:50am (U 2110) STAFF
Tu.....1:00pm- 3:00pm (S 0122) LAB
0103 F.....8:00am- 8:50am (U 2110) STAFF
W.....1:00pm- 3:00pm (S 0122) LAB
0104 F.....8:00am- 8:50am (U 2110) STAFF
Th.....1:00pm- 3:00pm (S 0122) LAB
0106 F.....8:00am- 8:50am (U 2110) STAFF
Tu.....3:00pm- 5:00pm (S 0122) LAB
0107 F.....8:00am- 8:50am (U 2110) STAFF
M.....3:30pm- 5:30pm (S 0122) LAB
0108 F.....8:00am- 8:50am (U 2110) STAFF
W.....3:30pm- 5:30pm (S 0122) LAB

ENEE304 Systems and Circuits II; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 204 and corequisite: Math 246. ENEE majors (09090) only. 3 credits
(PermReq)
0101 MWF.....8:00am- 8:50am (J 3106) STAFF
0201 MWF.....9:00am- 9:50am (J 3106) STAFF
0301 MWF.....11:00am-11:50am (J 1108) STAFF
0401 TuTh.....8:00am- 9:15am (J 0108) STAFF
0501 MWF.....1:00pm- 1:50pm (J 1104) STAFF
0601 TuTh.....8:00am- 9:15am (J 3106) STAFF
0701 TuTh.....9:30am-10:45am (F 1102) STAFF

ENEE305 Fundamental Laboratory; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 204 and corequisite: ENEE 304. ENEE (09090) majors only. Completion of ENEE 304 recommended. 2 credits
(PermReq)
0101 W.....12:00pm-12:50pm (AR 0126) STAFF
Tu.....8:00am-11:00am (S 0132) LAB
0102 W.....12:00pm-12:50pm (AR 0126) STAFF
Th.....8:00am-11:00am (S 0132) LAB
0103 W.....12:00pm-12:50pm (AR 0126) STAFF
Tu.....12:00pm- 3:00pm (S 0132) LAB
0104 W.....12:00pm-12:50pm (AR 0126) STAFF
Th.....12:00pm- 3:00pm (S 0132) LAB
0105 W.....12:00pm-12:50pm (AR 0126) STAFF
Th.....3:00pm- 6:00pm (S 0132) LAB
0106 W.....12:00pm-12:50pm (AR 0126) STAFF
F.....1:00pm- 4:00pm (S 0132) LAB
0107 W.....12:00pm-12:50pm (AR 0126) STAFF
M.....1:00pm- 4:00pm (S 0132) LAB
0108 W.....12:00pm-12:50pm (AR 0126) STAFF
W.....3:00pm- 6:00pm (S 0132) LAB

ENEE314 Electronic Circuits; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 304. ENEE majors (09090) only. 3 credits
(PermReq)
0101 MWF.....8:00am- 8:50am (ITV 1111) STAFF
0201 MWF.....9:00am- 9:50am (J 1126) STAFF
0401 TuTh.....8:00am- 9:15am (J 1106) STAFF
0501 TuTh.....9:30am-10:45am (J 0110) STAFF
0601 TuTh.....5:00pm- 6:15pm (Y 0405) STAFF

ENEE322 Signal and System Theory; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 204 and MATH 246. ENEE majors (09090) only. 3 credits
(PermReq)
0101 TuTh.....11:00am-12:15pm (AR 0135) STAFF
Tu.....2:00pm- 4:00pm (J 1106) DIS
0102 TuTh.....11:00am-12:15pm (AR 0135) STAFF
Tu.....4:00pm- 6:00pm (U 2118) DIS
0103 TuTh.....11:00am-12:15pm (AR 0135) STAFF
W.....8:00am-10:00am (U 2145) DIS
0104 TuTh.....11:00am-12:15pm (AR 0135) STAFF
Th.....8:00am-10:00am (U 2116) DIS
0201 TuTh.....11:00am-12:15pm (Z 1410) STAFF
W.....10:00am-12:00pm (U 2136) DIS
0202 TuTh.....11:00am-12:15pm (Z 1410) STAFF
W.....12:00pm- 2:00pm (U 2120) DIS
0203 TuTh.....11:00am-12:15pm (Z 1410) STAFF
W.....2:00pm- 4:00pm (U 2140) DIS
0204 TuTh.....11:00am-12:15pm (Z 1410) STAFF
W.....4:00pm- 6:00pm (J 3108) DIS

ENEE324 Engineering Probability; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 322. ENEE majors (09090) only. 3 credits
(PermReq)
0101 TuTh.....11:00am-11:50am (AR 0126) STAFF
Tu.....2:00pm- 4:00pm (J 0135) DIS
0102 TuTh.....11:00am-11:50am (AR 0126) STAFF
Tu.....4:00pm- 6:00pm (ULB 0117) DIS
0103 TuTh.....11:00am-11:50am (AR 0126) STAFF
W.....8:00am-10:00am (J 3110) DIS
0104 TuTh.....11:00am-11:50am (AR 0126) STAFF
Th.....8:00am-10:00am (AR 0117) DIS
0105 TuTh.....11:00am-11:50am (AR 0126) STAFF
W.....10:00am-12:00pm (WW 1109) DIS
0106 TuTh.....11:00am-11:50am (AR 0126) STAFF
W.....12:00pm- 2:00pm (J 1120) DIS
0107 TuTh.....11:00am-11:50am (AR 0126) STAFF
W.....2:00pm- 4:00pm (C 0127) DIS
0108 TuTh.....11:00am-11:50am (AR 0126) STAFF
W.....4:00pm- 6:00pm (Z 1219) DIS

ENEE380 Electromagnetic Theory; Grade Method: REG/P-F/AUD; Prerequisites: MATH 241 and PHYS 263. ENEE majors (09090) only. 3 credits
(PermReq)
0101 MWF.....11:00am-11:50am (J 1126) STAFF
0201 MW.....8:00am- 9:15am (J 2107) STAFF
0301 MWF.....10:00am-10:50am (J 3106) STAFF
0401 TuTh.....8:00am- 9:15am (J 1126) STAFF
0501 MWF.....1:00pm- 1:50pm (J 1108) STAFF
0601 MW.....8:00am- 9:15am (J 3108) STAFF
0701 TuTh.....9:30am-10:45am (C 0119) STAFF

ENEE381 Electromagnetic Wave Propagation; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 380. ENEE majors only (09090). 3 credits
(PermReq)
0101 MWF.....8:00am- 8:50am (J 0110) STAFF
0201 MWF.....9:00am- 9:50am (J 1120) STAFF
0301 MWF.....10:00am-10:50am (J 0110) STAFF
0401 TuTh.....9:30am-10:45am (J 1126) STAFF
0501 MWF.....1:00pm- 1:50pm (J 0108) STAFF
0601 MWF.....11:00am-11:50am (J 3106) STAFF

ENEE412 Advanced Electronics; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 314. ENEE majors only 3 credits
(PermReq)
0101 MW.....5:15pm- 6:30pm (J 1108) STAFF

ENEE413 Electronics Laboratory; Grade Method: REG/P-F/AUD; Corequisite: ENEE 314 and prerequisite: ENEE 305. ENEE majors (09090) only. 2 credits
(PermReq)
0101 F.....12:00pm-12:50pm (J 1202) STAFF
Tu.....8:00am-11:00am (S 0122A) LAB
0102 F.....12:00pm-12:50pm (J 1202) STAFF
Tu.....12:30pm- 3:30pm (S 0122A) LAB
0103 F.....12:00pm-12:50pm (J 1202) STAFF
Th.....8:00am-11:00am (S 0122A) LAB
0104 F.....12:00pm-12:50pm (J 1202) STAFF
Th.....12:30pm- 3:30pm (S 0122A) LAB
0105 F.....12:00pm-12:50pm (J 1202) STAFF
F.....1:00pm- 4:00pm (S 0122A) LAB
0106 F.....12:00pm-12:50pm (J 1202) STAFF
W.....12:00pm- 3:00pm (S 0122A) LAB
0107 F.....12:00pm-12:50pm (J 1202) STAFF
M.....12:00pm- 3:00pm (S 0122A) LAB
0108 F.....12:00pm-12:50pm (J 1202) STAFF
M.....3:00pm- 6:00pm (S 0122A) LAB

ENEE418 Projects in Electrical Engineering: General Electrical Engineering Projects; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. ENEE majors (09090) only. 1-3 credits
(PermReq)

ENEE419 Apprenticeship in Electrical Engineering; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. ENEE majors (09090) only. 2-3 credits (PermReq)

ENEE420 Communication Systems; Grade Method: REG/P-F/AUD; Prerequisite ENEE 324. ENEE majors (09090) only. 3 credits (PermReq)
0101 TuTh.....12:30pm- 1:45pm (ITV 1111) STAFF
0201 MW.....5:00pm- 6:15pm (J 3110) STAFF
0301 TuTh.....12:30pm- 1:45pm (J 1108) STAFF
0401 TuTh.....6:30pm- 7:45pm (J 1126) STAFF

ENEE425 Digital Signal Processing; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 322. ENEE majors (09090) only. 3 credits (PermReq)
0101 TuTh.....2:00pm- 3:15pm (J 0110) STAFF
0201 MW.....11:00am-12:15pm (J 0108) STAFF
0301 MW.....5:00pm- 6:15pm (J 1120) STAFF

ENEE435 Electrodes and Electrical Processes in Biology and Medicine; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 204 or ENEE 300. ENEE majors (09090) only. 3 credits (PermReq)
0101 TuTh.....5:00pm- 6:15pm (J 0110) STAFF

ENEE440 Microprocessors; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 250. ENEE majors only (09090). 3 credits (PermReq)
0201 TuTh.....5:00pm- 6:15pm (J 1104) STAFF
0301 TuTh.....8:00am- 9:15am (ITV 1111) STAFF
0401 TuTh.....9:30am-10:45am (J 1108) STAFF

ENEE444 Logic Design of Digital Systems; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 250. ENEE majors (09090) only. 3 credits (PermReq)
0101 MW.....5:00pm- 6:15pm (J 3106) STAFF
0301 TuTh.....8:00am- 9:15am (J 1108) STAFF
0401 TuTh.....5:00pm- 6:15pm (J 1126) STAFF

ENEE445 Computer Laboratory; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 444 and ENEE 305. ENEE majors (09090) only. 2 credits (PermReq)
0101 Tu.....10:00am-10:50am (C 0128) STAFF
Tu.....12:30pm- 3:30pm (S 0130) LAB
0102 Tu.....10:00am-10:50am (C 0128) STAFF
Th.....9:00am-12:00pm (S 0130) LAB
0103 Tu.....10:00am-10:50am (C 0128) STAFF
Th.....12:30pm- 3:30pm (S 0130) LAB

ENEE446 Digital Computer Design; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 250. ENEE majors (09090) only. 3 credits (PermReq)
0101 TuTh.....5:00pm- 6:15pm (J 1108) STAFF
0201 MW.....5:00pm- 6:15pm (Z 4220) STAFF
0301 TuTh.....11:00am-12:15pm (ITV 1100) STAFF

ENEE460 Control Systems; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 322. ENEE majors (09090) only. 3 credits (PermReq)
0101 MWF.....10:00am-10:50am (J 1126) STAFF
0201 TuTh.....5:00pm- 6:15pm (J 0108) STAFF

ENEE488E Topics in Electrical Engineering: Electrical Power System Components; Grade Method: REG/P-F/AUD; Prerequisites: ENEE 304 and ENEE 380. ENEE majors (09090) only. 3 credits (PermReq)
0101 TuTh.....9:30am-10:45am (J 3106) STAFF

ENEE488G Topics in Electrical Engineering: Fundamentals of Microwave Devices; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 381. ENEE majors (09090) only. 3 credits (PermReq)
0101 MW.....2:00pm- 3:15pm (J 1104) STAFF

ENEE488I Topics in Electrical Engineering: Random Processes in Communications and Control; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 324. ENEE majors (09090) only. 3 credits (PermReq)
0101 TuTh.....11:00am-12:15pm (J 1126) STAFF

ENEE488J Topics in Electrical Engineering: Introduction to Controlled Fusion; Grade Method: REG/P-F/AUD; ENEE majors (09090) only. Prerequisite: ENEE 381. 3 credits (PermReq)
0101 MW.....3:30pm- 4:45pm (J 0108) STAFF

ENEE488K Topics in Electrical Engineering: Optical System Design; Grade Method: REG/P-F/AUD; Co-requisite: ENEE 381. ENEE majors (09090) only. 3 credits (PermReq)
0101 TuTh.....2:00pm- 3:15pm (ITV 1100) STAFF

ENEE494 Solid State Devices; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 314 and ENEE majors (09090) only. 3 credits (PermReq)
0101 MW.....5:00pm- 6:15pm (ITV 1111) STAFF

ENEE608A Graduate Seminar: Controls; Grade Method: REG/AUD; 1-3 credits
0101 Time and room to be arranged STAFF

ENEE608B Graduate Seminar: Devises and Circuits Seminar; Grade Method: REG/AUD; 1-3 credits
0101 F.....3:00pm- 4:00pm (J 3102) STAFF

ENEE608C Graduate Seminar: Electrophysics; Grade Method: REG/AUD; 1-3 credits
0101 F.....4:00pm- 4:50pm (Arranged) STAFF

ENEE608D Graduate Seminar: Computers; Grade Method: REG/AUD; 1-3 credits
0101 W.....5:00pm- 6:30pm (J 3114) STAFF

ENEE608E Graduate Seminar: Biomedical Seminar; Grade Method: REG/AUD; 1-3 credits
0101 W.....4:00pm- 6:00pm (J 0102) Newcomb, R

ENEE608G Graduate Seminar: Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits (PermReq)

ENEE609 Projects in Electrical Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits (PermReq)

ENEE610 Electrical Network Theory; Grade Method: REG/AUD; 3 credits
0101 MW.....12:30pm- 1:45pm (J 1124) STAFF

ENEE620 Random Processes in Communication and Control; Grade Method: REG/AUD; 3 credits
0201 MW.....6:30pm- 7:45pm (ITV 1111) STAFF

ENEE625 Multi-user Communication; Grade Method: REG/AUD; 3 credits
0101 TuTh.....6:30pm- 7:45pm (ITV 1100) STAFF

ENEE633 Modeling of Nerves and Muscles With Applications to Prosthetic Devices; Grade Method: REG/AUD; 3 credits
0101 TuTh.....6:15pm- 7:30pm (J 0110) STAFF

ENEE646 Digital Computer Design; Grade Method: REG/AUD; 3 credits
0101 MW.....12:30pm- 1:45pm (J 2107) STAFF

ENEE648A Advanced Topics in Electrical Engineering: Microwave Circuits and Filter Design; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (J 3102) STAFF

ENEE648B Advanced Topics in Electrical Engineering: Microcomputer Based System Design; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (J 3106) STAFF

ENEE648C Advanced Topics in Electrical Engineering: VLSI Design; Grade Method: REG/AUD; 3 credits
0101 MW.....11:00am-12:15pm (ITV 1100) STAFF

ENEE648D Advanced Topics in Electrical Engineering: Semiconductor Technology; Grade Method: REG/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (J 3106) STAFF

ENEE648E Advanced Topics in Electrical Engineering: VLSI Architectures; Grade Method: REG/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (ITV 1100) STAFF

ENEE648G Advanced Topics in Electrical Engineering: Design-Analysis of Algorithms; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (J 3114) STAFF

ENEE648I Advanced Topics in Electrical Engineering: Operating Systems; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (ITV 1111) STAFF

ENEE648K Advanced Topics in Electrical Engineering: Millimeter Wave Systems; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (J 1124) STAFF

ENEE648M Advanced Topics in Electrical Engineering: III-V Compound Semiconductor Technology; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (J 3114) STAFF

ENEE648N Advanced Topics in Electrical Engineering: Physics of Failure of Solid State Devices; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (J 1126) STAFF

ENEE654 Combinatorial Switching Theory; Grade Method: REG/AUD; 3 credits
0101 MW.....3:30pm- 4:45pm (J 2107) STAFF

ENEE661 Nonlinear Control Systems; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (J 1108) STAFF

ENEE663 System Theory; Grade Method: REG/AUD; 3 credits
0101 MW.....3:30pm- 4:45pm (J 1108) STAFF

ENEE680 Electromagnetic Theory I; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (J 1102) STAFF

ENEE686 Charged Particle Dynamics, Electron and Ion Beams; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (J 1126) STAFF

ENEE690 Quantum and Wave Phenomena With Electrical Application; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (J 3102) STAFF

ENEE696 Integrated and Microwave Electronics; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (ITV 1111) STAFF

ENEE697 Semiconductor Devices and Technology; Grade Method: REG/AUD; 3 credits (PermReq)
0101 MW.....3:30pm- 4:45pm (J 1102) STAFF

ENEE721 Information Theory; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (ITV 1100) STAFF

ENEE724 Digital Signal Processing; Grade Method: REG/AUD; 3 credits
0101 MW.....3:30pm- 4:45pm (J 3110) STAFF

ENEE728A Advanced Topics in Communication Theory: Secure Communications; Grade Method: REG/AUD; 3 credits
0101 MW.....6:30pm- 7:45pm (ITV 1100) STAFF

ENEE728B Advanced Topics in Communication Theory: Analysis of Neural Networks; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (J 1120) STAFF

ENEE769A Advanced Topics in Control Theory: Adaptive Control; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (J 1124) STAFF

ENEE791 Quantum Electronics II; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (J 1124) STAFF

ENEE799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENEE899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

ENES Engineering Science (Engineering)

ENES101 Introductory Engineering Science; Grade Method: REG/P-F/AUD; Prerequisite: Must be a student in the College of Engineering. 3 credits (PermReq)
0101 MW.....8:00am- 8:50am (Z 1410) STAFF
F.....8:00am-10:00am (C 0122) DIS
0102 MW.....8:00am- 8:50am (Z 1410) STAFF
F.....12:00pm- 2:00pm (J 0135) DIS
0103 MW.....8:00am- 8:50am (Z 1410) STAFF
Th.....8:00am-10:00am (C 0122) DIS
0104 MW.....8:00am- 8:50am (Z 1410) STAFF
Th.....10:00am-12:00pm (C 0122) DIS
0201 MF.....12:00pm-12:50pm (AR 0126) STAFF
M.....8:00am-10:00am (U 2145) DIS
0202 MF.....12:00pm-12:50pm (AR 0126) STAFF
Th.....8:00am-10:00am (J 2112) DIS
0203 MF.....12:00pm-12:50pm (AR 0126) STAFF
Tu.....8:00am-10:00am (C 0122) DIS
0204 MF.....12:00pm-12:50pm (AR 0126) STAFF
Tu.....10:00am-12:00pm (C 0122) DIS
0205 MF.....12:00pm-12:50pm (AR 0126) STAFF
Th.....10:00am-12:00pm (J 2112) DIS
0301 MW.....3:00pm- 3:50pm (AR 0135) STAFF
Th..... 12:00pm- 2:00pm (C 0122) DIS
0302 MW.....3:00pm- 3:50pm (AR 0135) STAFF
Th.....2:00pm- 4:00pm (C 0122) DIS
0303 MW.....3:00pm- 3:50pm (AR 0135) STAFF
Tu.....12:00pm- 2:00pm (C 0122) DIS
0304 MW.....3:00pm- 3:50pm (AR 0135) STAFF
Tu.....2:00pm- 4:00pm (C 0122) DIS
0601 TuTh.....1:00pm- 1:50pm (AR 0126) STAFF
M.....1:00pm- 3:00pm (J 3106) DIS
0602 TuTh.....1:00pm- 1:50pm (AR 0126) STAFF
W.....12:00pm- 2:00pm (J 2154) DIS
0603 TuTh.....1:00pm- 1:50pm (AR 0126) STAFF
W.....1:00pm- 3:00pm (J 3106) DIS
0604 TuTh.....1:00pm- 1:50pm (AR 0126) STAFF
F.....12:00pm- 2:00pm (C 0122) DIS
0605 TuTh.....1:00pm- 1:50pm (AR 0126) STAFF
M.....1:00pm- 3:00pm (J 3110) DIS

ENES110 Statics; Grade Method: REG/P-F/AUD; Prerequisite: MATH 140. Limited to engineering students. Must be a student in the College of Engineering. 3 credits (PermReq)
0101 TuTh.....2:00pm- 2:50pm (J 1202) STAFF
Tu.....11:00am- 1:00pm (J 3110) DIS
0102 TuTh.....2:00pm- 2:50pm (J 1202) STAFF
F.....12:00pm- 2:00pm (J 2154) DIS
0103 TuTh.....2:00pm- 2:50pm (J 1202) STAFF
Th.....11:00am- 1:00pm (C 0128) DIS
0104 TuTh.....2:00pm- 2:50pm (J 1202) STAFF
M.....12:00pm- 2:00pm (J 1120) DIS
0201 TuTh.....1:00pm- 1:50pm (J 1202) STAFF
M.....2:00pm- 4:00pm (C 0124) DIS
0202 TuTh.....1:00pm- 1:50pm (J 1202) STAFF
F.....1:00pm- 3:00pm (J 3110) DIS
0203 TuTh.....1:00pm- 1:50pm (J 1202) STAFF
M.....2:00pm- 4:00pm (J 0110) DIS
0204 TuTh.....1:00pm- 1:50pm (J 1202) STAFF
M.....12:00pm- 2:00pm (J 2154) DIS

ENES220 Mechanics of Materials; Grade Method: REG/AUD; 3 credits
0101 MWF.....8:00am- 8:50am (U 2108) STAFF
0201 MWF.....9:00am- 9:50am (C 0127) STAFF
0301 MWF.....10:00am-10:50am (U 2108) STAFF
0401 MWF.....11:00am-12:00pm (C 0119) STAFF
0501 TuTh.....8:00am- 9:15am (C 0115) STAFF

ENES221 Dynamics; Grade Method: REG/P-F/AUD; Prerequisite: ENES 110. Corequisite: MATH 241. 3 credits (PermReq)
0101 MW.....8:00am- 8:50am (ZP 1240) STAFF
F.....8:00am-10:00am (U 2145) LAB
0102 MW.....8:00am- 8:50am (ZP 1240) STAFF
F.....8:00am-10:00am (J 0135) LAB
0104 MW.....8:00am- 8:50am (ZP 1240) STAFF
Th.....10:00am-12:00pm (AR 0119) LAB
0105 MW.....8:00am- 8:50am (ZP 1240) STAFF
W.....1:00pm- 3:00pm (J 3110) LAB
0106 MW.....8:00am- 8:50am (ZP 1240) STAFF
F.....1:00pm- 3:00pm (U 2145) LAB
0201 TuTh.....8:00am- 8:50am (ZP 1240) STAFF
M.....1:00pm- 3:00pm (U 2145) LAB
0202 TuTh.....8:00am- 8:50am (ZP 1240) STAFF
W.....10:00am-12:00pm (C 0122) LAB
0204 TuTh.....8:00am- 8:50am (ZP 1240) STAFF
W.....10:00am-12:00pm (C 0122) LAB
0205 TuTh.....8:00am- 8:50am (ZP 1240) STAFF
Tu.....1:00pm- 3:00pm (J 2112) LAB
0206 TuTh.....8:00am- 8:50am (ZP 1240) STAFF
Th.....1:00pm- 3:00pm (J 2154) LAB

ENES230 Introduction to Materials and Their Applications; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (U 2108) Arsenault, R

ENES240 Engineering Computation; Grade Method: REG/P-F/AUD; Prerequisite: MATH 141 and ENES 101. Engineering College (04) only. 3 credits (PermReq)
0101 TuTh.....12:00pm-12:50pm (AR 0126) STAFF
Tu.....8:00am-10:00am (U 2140) LAB
0103 TuTh.....12:00pm-12:50pm (AR 0126) STAFF
Tu.....10:00am-12:00pm (AR 0105) LAB
0104 TuTh.....12:00pm-12:50pm (AR 0126) STAFF
Tu.....10:00am-12:00pm (J 2112) LAB
0105 TuTh.....12:00pm-12:50pm (AR 0126) STAFF
Tu.....1:00pm- 3:00pm (J 1120) LAB
0106 TuTh.....12:00pm-12:50pm (AR 0128) STAFF
Th.....8:00am-10:00am (Y 0305) LAB
0108 TuTh.....12:00pm-12:50pm (AR 0126) STAFF
Th.....10:00am-12:00pm (U 2140) LAB
0109 TuTh.....12:00pm-12:50pm (AR 0126) STAFF
Th.....10:00am-12:00pm (AR 0105) LAB
0110 TuTh.....12:00pm-12:50pm (AR 0126) STAFF
Th.....1:00pm- 3:00pm (U 2136) LAB

ENES388 Engineering Honors Seminar; Grade Method: REG/P-F; 1 credit
0101 Time and room to be arranged Dieter Jr., G

ENES405 Power and the Environment; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (U 2140) Munno, F

ENFP Engineering, Fire Protection (Engineering)

ENFP251 Introduction to Fire Protection Engineering; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....1:00pm- 3:00pm (J 0135) Milke, J

ENFP310 Fire Protection Systems Design I; Grade Method: REG/P-F/AUD; 3 credits (PermReq)
0101 MW.....8:00am-10:00am (J 0135) Bryan, J

ENFP320 Pyrometrics of Materials; Grade Method: REG/P-F/AUD; 3 credits (PermReq)
0101 MW.....3:00pm- 5:00pm (J 0135) Bryan, J

ENFP412 Heat Transfer Applications in Fire Protection; Grade Method: REG/P-F/AUD; 3 credits (PermReq)
0101 TuTh.....2:00pm- 4:00pm (J 1108) Milke, J

ENFP417 Fire Protection Hydraulic Design; Grade Method: REG/P-F/AUD; 3 credits (PermReq)
0101 W.....6:30pm- 9:30pm (J 0135) Walton, W

ENFP489 Special Topics: Fire Dynamics; Grade Method: REG/P-F/AUD; 3 credits (PermReq)
0101 TuTh.....4:00pm- 6:00pm (J 0135) Quintiere, J

ENGL English (Arts and Humanities)

ENGL001 Basic Reading; Grade Method: S-F; If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. 3 credits
0101 MWF.....9:00am- 9:50am (A 1103) Slater, W
0201 MWF.....10:00am-10:50am (U 2120) Bensky, S
0301 MWF.....11:00am-11:50am (U 2120) Bensky, S

For courses related to English, please see the listings under Comparative Literature(CMLT).

ENGL101 Introduction to Writing; Grade Method: REG; Students with a TWSE score below 33 must take ENGL 101A in place of ENGL 101. Students for whom English is a second language should consider taking ENGL101X in place of ENGL 101. 3 credits
0001 MWF.....8:00am- 8:50am (RR 0123) Ports, K
0003 MWF.....8:00am- 8:50am (A 1102) Naprawa, A
0101 MWF.....9:00am- 9:50am (G 1103) Swatski, J
0102 MWF.....9:00am- 9:50am (AS 3219) Skeen, T
0103 MWF.....9:00am- 9:50am (RR 0119) Platzner, R
0104 MWF.....9:00am- 9:50am (ARC 1123) Sun, Y
0105 MWF.....9:00am- 9:50am (R 1127) Detrick, A
0106 MWF.....9:00am- 9:50am (A 2126) French, P
0107 MWF.....9:00am- 9:50am (AR 0103) Svrjcek, M
0201 MWF.....10:00am-10:50am (RR 0124) Menustik, D
0202 MWF.....10:00am-10:50am (AR 0121) O'Donnell-Cox,
0203 MWF.....10:00am-10:50am (AR 0101) Ports, K
0204 MWF.....10:00am-10:50am (AA 1122) Naprawa, A
0205 MWF.....10:00am-10:50am (J 0104) Johnson, J
0206 MWF.....10:00am-10:50am (AR 0118) Dickinson, L
0207 MWF.....10:00am-10:50am (J 1102) Maney, B
0208 MWF.....10:00am-10:50am (ULB 1120) Antonovich, J
0209 MWF.....10:00am-10:50am (ULB 1112) Salamon, L
0210 MWF.....10:00am-10:50am (J 0102) Frye, B
0301 MWF.....11:00am-11:50am (AR 0120) Swatski, J
0302 MWF.....11:00am-11:50am (ARC 1125) Olson, C
0303 MWF.....11:00am-11:50am (AR 0104) Skeen, T
0304 MWF.....11:00am-11:50am (AR 0121) O'Donnell-Cox,
0305 MWF.....11:00am-11:50am (J 1102) Meng, D
0306 MWF.....11:00am-11:50am (AR 0103) Reynolds, R
0307 MWF.....11:00am-11:50am (ULB 0125) Dickerson, J
0401 MWF.....12:00pm-12:50pm (ULB 0117) Platzner, R
0402 MWF.....12:00pm-12:50pm (ULB 1120) Sun, Y
0403 MWF.....12:00pm-12:50pm (R 1127) West, L
0404 MWF.....12:00pm-12:50pm (R 1130) Oppenheim, J
0405 MWF.....12:00pm-12:50pm (AR 0104) Svrjcek, M
0406 MWF.....12:00pm-12:50pm (AR 0121) Johnson, J
0407 MWF.....12:00pm-12:50pm (ARC 1123) Maney, B
0408 MWF.....12:00pm-12:50pm (ULB 0125) Antonovich, J
0409 MWF.....12:00pm-12:50pm (R 1131) Davison, N
0501 MWF.....1:00pm- 1:50pm (RR 0117) Vogt, B
0502 MWF.....1:00pm- 1:50pm (ULB 1108) Dickerson, J
0503 MWF.....1:00pm- 1:50pm (R 1127) Harrell, W
0504 MWF.....1:00pm- 1:50pm (R 1130) Gourley, B
0505 MWF.....1:00pm- 1:50pm (AR 0104) Detrick, A
0506 MWF.....1:00pm- 1:50pm (R 1131) Davison, N
0507 MWF.....1:00pm- 1:50pm (J 1102) Maley, S
0508 MWF.....1:00pm- 1:50pm (ULB 0125) Lechter-Siegel,
0601 MWF.....2:00pm- 2:50pm (R 1127) Gould, T
0602 MWF.....2:00pm- 2:50pm (NN 2228) Fisher, K
0603 MWF.....2:00pm- 2:50pm (J 0102) Kuhar, L
0604 MWF.....2:00pm- 2:50pm (ULB 1120) West, L
0605 MWF.....2:00pm- 2:50pm (ULB 1108) Lima, M
0607 MWF.....2:00pm- 2:50pm (F 1106) Oppenheim, J
0608 MWF.....2:00pm- 2:50pm (A 2101) Donawerth, J
0610 MWF.....2:00pm- 2:50pm (ULB 0125) Sharp, A
0701 MWF.....3:00pm- 3:50pm (ULB 1112) Gourley, B
0702 MWF.....3:00pm- 3:50pm (A 0102) Eaton, B
0703 MWF.....3:00pm- 3:50pm (ULB 0125) Vogt, B
0704 MWF.....3:00pm- 3:50pm (ULB 1120) Maley, S
0705 MWF.....3:00pm- 3:50pm (RR 0123) Prettyman, C
0706 MWF.....3:00pm- 3:50pm (ULB 1108) Harrell, W
0707 MWF.....3:00pm- 3:50pm (A 2101) Gould, T
0801 MWF.....4:00pm- 4:50pm (RR 0117) Fisher, K
1001 TuTh.....8:00am- 9:15am (AR 0120) Molyneaux, S
1002 TuTh.....8:00am- 9:15am (ARC 1123) Debernardo, F
1003 TuTh.....8:00am- 9:15am (LL 2125) Carmichael, E
1101 TuTh.....9:30am-10:45am (AR 0118) Reiner, J
1102 TuTh.....9:30am-10:45am (AA 1122) Oswald, S
1103 TuTh.....9:30am-10:45am (AR 0104) Whitlock, S
1104 TuTh.....9:30am-10:45am (AR 0121) Sprecher, L
1105 TuTh.....9:30am-10:45am (AR 0120) Molyneaux, S
1106 TuTh.....9:30am-10:45am (ULB 1120) Wei, K
1201 TuTh.....11:00am-12:15pm (T 1113) Lyman, J
1202 TuTh.....11:00am-12:15pm (J 1102) Barks, C
1203 TuTh.....11:00am-12:15pm (AR 0121) Sprecher, L
1204 TuTh.....11:00am-12:15pm (AR 0104) Kunzler, C
1205 TuTh.....11:00am-12:15pm (AR 0118) Whitlock, S
1206 TuTh.....11:00am-12:15pm (ULB 1116) Carmichael, E
1207 TuTh.....11:00am-12:15pm (AR 0103) Fohrell, J
1301 TuTh.....12:30pm- 1:45pm (AR 0121) Cannon, E
1302 TuTh.....12:30pm- 1:45pm (ULB 1112) Kibler, R
1303 TuTh.....12:30pm- 1:45pm (ULB 0117) Weidenbruck, L
1304 TuTh.....12:30pm- 1:45pm (ARC 1127) Sprowl, J
1305 TuTh.....12:30pm- 1:45pm (J 0110) Bailey, G
1306 TuTh.....12:30pm- 1:45pm (R 1131) Wei, K
1307 TuTh.....12:30pm- 1:45pm (LL 2117) Rosenberg, P
1308 TuTh.....12:30pm- 1:45pm (AR 0101) Arnold, K
1309 TuTh.....12:30pm- 1:45pm (LL 3120) Reiner, J
1310 TuTh.....12:30pm- 1:45pm (AR 0104) Sheng, C
1311 TuTh.....12:30pm- 1:45pm (OO 2203) Oswald, S
1401 TuTh.....2:00pm- 3:15pm (ULB 1120) Kibler, R
1402 TuTh.....2:00pm- 3:15pm (ARC 1123) Sprowl, J
1403 TuTh.....2:00pm- 3:15pm (AR 0103) Lyman, J
1404 TuTh.....2:00pm- 3:15pm (ARC 1125) Kuhar, L
1405 TuTh.....2:00pm- 3:15pm (LL 1122) Weidenbruck, L
1407 TuTh.....2:00pm- 3:15pm (R 1127) Hammond, E
1408 TuTh.....2:00pm- 3:15pm (LL 2122) Fohrell, J
1409 TuTh.....2:00pm- 3:15pm (LL 1104) Rosenberg, P
1410 TuTh.....2:00pm- 3:15pm (AR 0104) Rosso, G
1501 TuTh.....3:30pm- 4:45pm (ULB 0125) Kunzler, C
1601 TuTh.....4:00pm- 5:15pm (RR 0124) Cannon, E
1602 TuTh.....4:00pm- 5:15pm (RR 0103) Bell, O
1603 TuTh.....4:00pm- 5:15pm (RR 0117) Minor, R

ENGL101A Introduction to Writing; Grade Method: REG; Students should take ENGL 101A rather 3 credits

than ENGL 101 if their TWSE score (a subscore of the SAT verbal) is 33 or below.

1701 MWF.....9:00am- 9:50am (J 3114) Gorman, J
1702 MWF.....10:00am-10:50am (J 3114) Meng, D
1703 MWF.....11:00am-11:50am (SSB 1210) Spracklen, R
1704 MWF.....3:00pm- 3:50pm (G 1103) Spracklen, R
1705 TuTh.....8:00am- 9:15am (J 1102) Sinopoli, S
1706 TuTh.....9:30am-10:45am (ARC 1123) Debernardo, F
1707 TuTh.....11:00am-12:15pm (AR 0101) Sinopoli, S
1708 TuTh.....12:30pm- 1:45pm (SSB 1210) Braker, G
1709 TuTh.....2:00pm- 3:15pm (NN 0138) Tucci, P

ENGL101H Introduction to Writing; Grade Method: REG; — 3 credits

0101 MWF.....9:00am- 9:50am (AR 0101) Noone, P
0201 MWF.....1:00pm- 1:50pm (AR 0103) Taylor, M
0301 TuTh.....11:00am-12:15pm (AR 0120) Griggs, J
0401 TuTh.....2:00pm- 3:15pm (GG 3114) Bezner, K

ENGL101X (PermReq) Introduction to Writing; Grade Method: REG; Limited to students for whom English is a second language. To register for ENGL 101X, a student must first demonstrate competence in English. Proof of one of the following should be brought to A-0139 (x4160) or W-1104 (x6545): 1. A TOEFL score of 550 with no sectional score below 50. 2. A CELT score of 220 with no subtest score below 60 and a rating of 5 or better on the writing sample. 3. Successful completion of UMEI 005: Advanced English as a Foreign Language, Semi-Intensive. — 3 credits

2001 MWF.....9:00am- 9:50am (ULB 1120) Olson, C
2002 MWF.....9:00am- 9:50am (AR 0118) Boyd, R
2003 MWF.....9:00am- 9:50am (SSB 1210) Honemann, D
2004 MWF.....10:00am-10:50am (AR 0103) Boyd, R
2005 MWF.....10:00am-10:50am (J 3102) Ewalt, K
2006 MWF.....10:00am-10:50am (SSB 1210) Honemann, D
2010 TuTh.....9:30am-10:45am (NN 2212) Della Torre, M
2011 TuTh.....9:30am-10:45am (J 3114) Chitwood, C
2012 TuTh.....11:00am-12:15pm (J 2102) Bailey, G
2013 TuTh.....11:00am-12:15pm (J 3114) Chitwood, C

ENGL201 World Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....9:00am- 9:50am (A 2110) Birdsall, E
0201 MWF.....11:00am-11:50am (A 0110) Hovey, R
0301 TuTh.....9:30am-10:45am (LL 0120) Pringham, C
0401 TuTh.....12:30pm- 1:45pm (LL 0125) Wilson, G

ENGL201H World Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....1:00pm- 1:50pm (RR 0103) Birdsall, E

ENGL202 World Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....11:00am-11:50am (R 1127) Demaree, C

ENGL205 Introduction to Shakespeare; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....9:00am- 9:50am (A 0102) Leinwand, T
0201 MWF.....10:00am-10:50am (A 0110) French, P
0301 MWF.....11:00am-11:50am (SSB 1222) Olmert, M
0401 MWF.....12:00pm-12:50pm (A 2126) Auchard, J
0501 MWF.....2:00pm- 2:50pm (A 1101) Beauchamp, V
0701 TuTh.....9:30am-10:45am (A 1101) Dobin, H
0801 TuTh.....9:30am-10:45am (RR 0117) Hamilton, D
0901 TuTh.....11:00am-12:15pm (NN 0138) Selmon, M
1001 TuTh.....11:00am-12:15pm (LL 0120) Pringham, C
1101 TuTh.....12:30pm- 1:45pm (RR 0119) Trousdale, M
1201 TuTh.....2:00pm- 3:15pm (A 2108) Pringham, C

ENGL221 American Literature: Beginning to 1865; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 TuTh.....12:30pm- 1:45pm (A 0108) Levine, R

ENGL222 American Literature: 1865 to Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....10:00am-10:50am (A 0103) Smith, M
0201 MWF.....11:00am-11:50am (RR 0125) Dunn, N
0301 MWF.....12:00pm-12:50pm (A 1103) Dunn, N
0501 TuTh.....9:30am-10:45am (LL 2123) Caramello, C
0801 TuTh.....2:00pm- 3:15pm (A 1102) Robinson, J

ENGL240 Introduction to Literary Forms: Fiction, Poetry, Drama; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....9:00am- 9:50am (RR 0120) Nickens, S
0301 MWF.....11:00am-11:50am (RR 0123) Nickens, S
0601 TuTh.....9:30am-10:45am (LL 0125) Kornblatt, J
0801 TuTh.....11:00am-12:15pm (A 1104) Rosso, G
0901 TuTh.....11:00am-12:15pm (RR 0126) Hammond, E
1001 TuTh.....12:30pm- 1:45pm (LL 2123) Gorski, W

ENGL241 Introduction to the Novel; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....10:00am-10:50am (R 1127) Moore, T
0201 MWF.....11:00am-11:50am (RR 0116) Moore, T
0301 TuTh.....12:30pm- 1:45pm (A 0110) Salamanca, J
0401 TuTh.....12:30pm- 1:45pm (A 0103) Lawson, L

ENGL242 Fact and Fiction: Forms of Non-Fictional Prose; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0301 TuTh.....9:30am-10:45am (R 1131) Grant-Davie, K

ENGL243 Introduction to Poetry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....10:00am-10:50am (R 1101) Sharp, A
0201 MWF.....11:00am-11:50am (RR 0120) Van Egmond, P
0301 TuTh.....11:00am-12:15pm (A 1103) Howard, J
0401 TuTh.....12:30pm- 1:45pm (A 2126) Tucci, P

ENGL244 Introduction to Drama; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....9:00am- 9:50am (A 1101) Eaton, B
0201 MWF.....11:00am-11:50am (RR 0117) Cooper Jr., S
0301 TuTh.....2:00pm- 3:15pm (A 0110) Kleine, D

ENGL246 The Short Story; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....8:00am- 8:50am (A 1101) Tracy, A
0201 MWF.....9:00am- 9:50am (A 0110) Townsend, B
0202 MWF.....9:00am- 9:50am (A 0108) Hauch, S
0501 MWF.....10:00am-10:50am (A 2103) Cate, G
0601 MWF.....11:00am-11:50am (F 1101) Dickinson, L
0602 MWF.....11:00am-11:50am (AS 3215) Menustik, D
0701 MWF.....12:00pm-12:50pm (A 2110) Ewalt, K
1001 MWF.....1:00pm- 1:50pm (RR 0125) Terchek, M
1002 MWF.....1:00pm- 1:50pm (RR 0116) Nichol, F
1201 MWF.....2:00pm- 2:50pm (A 0110) Gunod, R
1401 TuTh.....8:00am- 9:15am (A 0103) Keenan, J
1501 TuTh.....9:30am-10:45am (A 0103) Isaacs, N
1502 TuTh.....9:30am-10:45am (ULB 1116) Barks, C
1601 TuTh.....9:30am-10:45am (R 0104) Sheng, C
1701 TuTh.....11:00am-12:15pm (ARC 1123) Burke, J
1901 TuTh.....12:30pm- 1:45pm (AR 0119) Carroll, K
1902 TuTh.....12:30pm- 1:45pm (ULB 1120) Lasch, M
2101 TuTh.....2:00pm- 3:15pm (AR 0101) Christensen, C

ENGL247 Literature of Fantasy; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....9:00am- 9:50am (A 1102) Buhlig Jr., P
0201 MWF.....10:00am-10:50am (A 2101) Demaree, C
0301 MWF.....11:00am-11:50am (A 1102) Smith, N
0401 MWF.....12:00pm-12:50pm (RR 0123) Lima, M
0501 MWF.....2:00pm- 2:50pm (A 1102) Demaree, C
0601 TuTh.....11:00am-12:15pm (RR 0125) Hawkinson, C
0701 TuTh.....11:00am-12:15pm (F 1108) Forschler, M

ENGL250 Women in Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....12:00pm-12:50pm (RR 0126) Townsend, B
0201 TuTh.....11:00am-12:15pm (F 1101) DiPaolo, T

ENGL260 Introduction to Folklore; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits

0101 MWF.....10:00am-10:50am (A 1104) Fry, G
0201 MWF.....11:00am-11:50am (A 1103) Fry, G
0301 TuTh.....11:00am-12:15pm (A 0103) Pearson, B
0401 TuTh.....2:00pm- 3:15pm (A 2101) Pearson, B

ENGL270 Introduction to English Honors; Grade Method: REG/P-F/AUD; Satisfies English 301 requirement for English majors. — 3 credits

0101 TuTh.....11:00am-12:15pm (A 0135) Peterson, C

ENGL278C Special Topics in Literature: Intermediate Composition; Grade Method: REG/P-F/AUD; Prerequisite: ENGL 101 or equivalent. — 3 credits

0101 MWF.....11:00am-11:50am (A 1104) Gorman, J
0201 MWF.....12:00pm-12:50pm (AR 0118) Reynolds, R

ENGL281 Standard English Grammar, Usage, and Diction; Grade Method: REG/P-F/AUD; — 3 credits

0101 MWF.....12:00pm-12:50pm (A 2101) James, E
0201 TuTh.....11:00am-12:15pm (A 0110) Herman, H

ENGL294 Introduction to Creative Writing; Grade Method: REG/P-F/AUD; — 3 credits

0101 MWF.....9:00am- 9:50am (R 1130) O'Sullivan, S
0201 MWF.....10:00am-10:50am (RR 0120) Townsend, B
0301 MWF.....11:00am-11:50am (A 0108) O'Sullivan, S
0401 MWF.....12:00pm-12:50pm (A 0108) O'Sullivan, S
0601 TuTh.....9:30am-10:45am (R 1127) Sims, P
0801 TuTh.....12:30pm- 1:45pm (A 2101) Collier, M

ENGL301 Critical Methods in the Study of Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....10:00am-10:50am (RR 0125) Van Egmond, P
0201 MWF.....11:00am-11:50am (A 1101) Spector, S
0301 MWF.....12:00pm-12:50pm (A 2103) Marcuse, M
0501 TuTh.....9:30am-10:45am (A 1102) Bennett, M
0601 TuTh.....11:00am-12:15pm (RR 0117) Caramello, C
0701 TuTh.....12:30pm- 1:45pm (R 1127) Robinson, J
0801 TuTh.....2:00pm- 3:15pm (A 0108) Flieger, V

ENGL304 The Major Works of Shakespeare; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....9:00am- 9:50am (A 2101) Coogan, R
0201 MWF.....1:00pm- 1:50pm (A 2110) Cooper Jr., S
0301 TuTh.....12:30pm- 1:45pm (RR 0125) Barry, J

ENGL305 Shakespeare and His Contemporaries: An Introduction; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....10:00am-10:50am (RR 0123) Beauchamp, V

ENGL310 Medieval and Renaissance British Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....10:00am-10:50am (SSB 1222) Mack Jr, M
0201 MWF.....2:00pm- 2:50pm (RR 0123) Dungey, K
0301 TuTh.....11:00am-12:15pm (R 1127) Hamilton, D
0401 TuTh.....12:30pm- 1:45pm (A 1104) Dobin, H

ENGL311 Baroque and Augustan British Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 TuTh.....9:30am-10:45am (AS 3221) Wilson, G
0301 TuTh.....12:30pm- 1:45pm (ULB 1108) Carretta, V

ENGL312 Romantic to Modern British Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....9:00am- 9:50am (A 1104) Auchard, J
0201 MWF.....10:00am-10:50am (RR 0117) David, D

ENGL313 American Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....1:00pm- 1:50pm (RR 0120) Smith, M
0201 TuTh.....9:30am-10:45am (A 2103) Bryer, J
0301 TuTh.....11:00am-12:15pm (A 0108) Vitzthum, R
0401 TuTh.....12:30pm- 1:45pm (Q 2140) Bennett, M

ENGL345 Twentieth Century Poetry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 TuTh.....11:00am-12:15pm (RR 0123) Jellema, R

ENGL369 (PermReq) Honors Seminar: Major Traditions; Grade Method: REG/P-F/AUD; — 4-5 credits

0101 MWF.....1:00pm- 2:30pm (A 0135) Mack Jr, M

ENGL373 (PermReq) Honors Thesis; Grade Method: REG/P-F/AUD; — 3 credits

0101 Tu.....3:00pm- 5:00pm (A 0135) Loizeaux, E
Time and room to be arranged DIS

ENGL378 (PermReq) Independent Research in English; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

English 379 courses are repeatable to a maximum of 9 hours if the content is different. English majors may not count credits earned in these courses towards the total required for the major.

ENGL379A Special Topics in Literature: Studies in Mythmaking; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: Two lower level English courses. — 3 credits

0101 TuTh.....9:30am-10:45am (A 0110) Flieger, V

ENGL379E Special Topics in Literature: Film Analysis - The Rhetoric of Fictional Worlds; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101 M.....6:30pm-10:00pm (RR 0106) Miller, J

ENGL379G Special Topics in Literature: Melodrama and Existential Crisis: Films of Hitchcock; Grade Method: REG; — 3 credits

0101 W.....6:30pm-10:00pm (RR 0106) Miller, J

ENGL379I Special Topics in Literature: Science and Literature; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101 TuTh.....2:00pm- 3:15pm (RR 0123) Kornblatt, J

ENGL379J Special Topics in Literature: Interpreting the Bible; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: Completion of two literature courses. — 3 credits

0101 W.....7:00pm- 9:40pm (A 2101) Handelman, S

ENGL379N Special Topics in Literature: The Literature of Sentiment and Sentimentality; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: Completion of two literature courses. — 3 credits

0101 MWF.....1:00pm- 1:50pm (A 0108) Smith, G

ENGL379Q Special Topics in Literature: More's Utopia and Modern Utopian Visions; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits

0101 TuTh.....2:00pm- 3:15pm (A 2110) Collier, M

ENGL379T Special Topics in Literature: On Argument; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits

0101 TuTh.....2:00pm- 3:15pm (RR 0125) Fahnestock, J

ENGL379V Special Topics in Literature: Modern Poetry and the Visual Arts; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101 TuTh.....2:00pm- 3:15pm (A 2103) Loizeaux, E

ENGL379W Special Topics in Literature: Film Genre as Cultural Myth: The Detective and Western Film; Grade Method: REG; — 3 credits

0101 Th.....6:30pm-10:00pm (RR 0106) Miller, J

ENGL380 (PermReq) Internship; Grade Method: REG; — 3-6 credits

0101 TuTh.....3:15pm- 5:45pm (LL 3203) Beckley, B
0102 Time and room to be arranged STAFF

ENGL381 (PermReq) MGA Legislative Seminar; Grade Method: REG; — 3 credits

0101 W.....3:30pm- 5:30pm (A 2103) Terchek, M

ENGL391 Advanced Composition; Grade Method: REG; Before choosing a regular section of ENGL 391, students should check to see whether they are interested in a special version of this course by reading through those sections identified with a suffix A-Z to see if any apply to them (e.g. ENGL 391L for pre-law students). Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). — 3 credits

0001 MWF.....8:00am- 8:50am (ULB 1112) Zelenka, R
0101 MWF.....9:00am- 9:50am (R 1101) Tracy, A
0102 MWF.....9:00am- 9:50am (R 1131) Scheltema, M
0103 MWF.....9:00am- 9:50am (ULB 0125) Zelenka, R
0104 MWF.....9:00am- 9:50am (AS 3221) Simpson, M
0201 MWF.....10:00am-10:50am (R 1130) Eaton, B
0202 MWF.....10:00am-10:50am (R 1131) Scheltema, M
0203 MWF.....10:00am-10:50am (AS 3219) Rickert, M
0204 MWF.....10:00am-10:50am (AR 0104) Burns, M
0301 MWF.....11:00am-11:50am (AR 0118) Gunod, R
0302 MWF.....11:00am-11:50am (A 0102) Simpson, M
0303 MWF.....11:00am-11:50am (R 1130) Scheltema, M
0304 MWF.....11:00am-11:50am (AS 3219) Rickert, M
0401 MWF.....12:00pm-12:50pm (A 1104) Nichol, F
0402 MWF.....12:00pm-12:50pm (RR 0121) Olmert, M
0403 MWF.....12:00pm-12:50pm (ULB 1108) STAFF
0404 MWF.....12:00pm-12:50pm (A 0110) Rickert, M
0501 MWF.....1:00pm- 1:50pm (AR 0120) McNeilly, D
0502 MWF.....1:00pm- 1:50pm (A 0102) Demaree, C
0503 MWF.....1:00pm- 1:50pm (AR 0121) Schmidt, D
0601 MWF.....2:00pm- 2:50pm (A 2126) Davis, K
0602 MWF.....2:00pm- 2:50pm (RR 0125) Olmert, M
0603 MWF.....2:00pm- 2:50pm (A 1104) McNeilly, D
0701 MWF.....3:00pm- 3:50pm (A 0103) Davis, K
1002 TuTh.....8:00am- 9:15am (ULB 1108) Dyer, M
1101 TuTh.....9:30am-10:45am (GEO 1120) Dyer, M
1102 TuTh.....9:30am-10:45am (LL 3120) Carroll, K
1103 TuTh.....9:30am-10:45am (LL 3203) Selmon, M
1104 TuTh.....9:30am-10:45am (O 1308) Whelan, T
1201 TuTh.....11:00am-12:15pm (ULB 0125) Shapiro, N
1202 TuTh.....11:00am-12:15pm (ARC 1125) Grant-Davie, K
1204 TuTh.....11:00am-12:15pm (LL 2123) Whelan, T
1301 TuTh.....12:30pm- 1:45pm (LL 1120) Forschler, M
1302 TuTh.....12:30pm- 1:45pm (GG 3114) Keenan, J
1303 TuTh.....12:30pm- 1:45pm (Z 4208) Shapiro, N
1304 TuTh.....12:30pm- 1:45pm (LL 0120) Logan, S
1401 TuTh.....2:00pm- 3:15pm (LL 0120) Tin Nyo, M
1402 TuTh.....2:00pm- 3:15pm (LL 1226) Peters, L
1501 TuTh.....3:30pm- 4:45pm (R 1131) Miller, J
1601 TuTh.....5:00pm- 6:15pm (A 0110) Peters, L
1602 TuTh.....7:00pm- 8:15pm (A 0103) Webster, S
1603 M.....6:00pm- 8:40pm (A 0110) Bronson, E
1604 W.....6:00pm- 8:40pm (A 1102) Saklas, R
1605 Th.....7:00pm- 9:00pm (RR 0119) Bronson, E

ENGL391L Advanced Composition; Grade Method: REG; For pre-law students. — 3 credits

0101 MWF.....11:00am-11:50am (ULB 1120) Buhlig Jr., P
0201 MWF.....1:00pm- 1:50pm (A 2103) STAFF
0301 TuTh.....12:30pm- 1:45pm (RR 0120) Peters, L
0401 Th.....7:00pm- 9:30pm (A 1102) Dyer, M

ENGL391X Advanced Composition; Grade Method: REG; For students for whom English is a second language. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). — 3 credits

0101 MWF.....2:00pm- 2:50pm (RR 0119) STAFF
0201 TuTh.....11:00am-12:15pm (ARC 1121) Tin Nyo, M

ENGL391Z Advanced Composition; Grade Method: REG; Involves computer-assisted instruction. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). — 3 credits

0401 TuTh.....11:00am-12:15pm (LL 3118) Logan, S

ENGL393 Technical Writing; Grade Method: REG; Before choosing a regular section of ENGL 393, students should check to see whether they are interested in a special version of this course by reading through those sections identified with a suffix A-Z to see if any apply to them (e.g., ENGL 393N for students interested in business writing). Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). — 3 credits

0001 MWF.....8:00am- 8:50am (ULB 0125) Perla, S
0002 MWF.....8:00am- 8:50am (A 1103) STAFF
0101 MWF.....9:00am- 9:50am (ULB 1108) Perla, S
0103 MWF.....9:00am- 9:50am (U 2118) Jones, E
0104 MWF.....9:00am- 9:50am (RR 0123) Smith, N
0201 MWF.....10:00am-10:50am (A 0108) Hauch, S
0202 MWF.....10:00am-10:50am (U 2118) Jones, E
0203 MWF.....10:00am-10:50am (ULB 0125) Pauli, R
0301 MWF.....11:00am-11:50am (J 3114) Jones, E
0302 MWF.....11:00am-11:50am (AR 0101) STAFF
0303 MWF.....11:00am-11:50am (ULB 1108) Gaynor, C
0401 MWF.....12:00pm-12:50pm (F 1108) Nickens, S
0402 MWF.....12:00pm-12:50pm (ULB 1116) Gaynor, C
0403 MWF.....12:00pm-12:50pm (ULB 1112) STAFF
0404 MWF.....12:00pm-12:50pm (R 0104) Smith, N
0405 MWF.....12:00pm-12:50pm (RR 0119) Slater, W
0501 MWF.....1:00pm- 1:50pm (ULB 1120) STAFF
0502 MWF.....1:00pm- 1:50pm (A 1103) Dowhaluk, B
0503 MWF.....1:00pm- 1:50pm (AR 0118) Wintohn, P
0601 MWF.....2:00pm- 2:50pm (A 2103) Dowhaluk, B
0602 MWF.....2:00pm- 2:50pm (AR 0103) Wintohn, P
0701 MWF.....3:00pm- 3:50pm (A 1103) Dowhaluk, B
0702 MWF.....3:00pm- 3:50pm (A 1104) Novotny, J
1001 TuTh.....8:00am- 9:15am (A 0108) Lowderbaugh, T
1101 TuTh.....9:30am-10:45am (ULB 0125) Gorski, W
1102 TuTh.....9:30am-10:45am (LL 1104) Hawkinson, C
1103 TuTh.....9:30am-10:45am (ZP 1234) Porosky, P
1104 TuTh.....9:30am-10:45am (Y B0425) Rosenthal, R
1201 TuTh.....11:00am-12:15pm (ULB 1112) Lasch, M
1202 TuTh.....11:00am-12:15pm (LL 1109) Porosky, P
1203 TuTh.....11:00am-12:15pm (J 0102) Johnson, J
1301 TuTh.....12:30pm- 1:45pm (R 1130) Rosenthal, R
1302 TuTh.....12:30pm- 1:45pm (J 0102) Burke, J
1303 TuTh.....12:30pm- 1:45pm (LL 2125) Porosky, P
1304 TuTh.....12:30pm- 1:45pm (G 1103) Johnson, J
1401 TuTh.....2:00pm- 3:15pm (G 1103) Brigham, L
1402 TuTh.....2:00pm- 3:15pm (ARC 1127) Macbain, S
1501 TuTh.....3:30pm- 4:45pm (A 0110) McLaren, B
1502 TuTh.....3:30pm- 4:45pm (A 0102) Macbain, S
1602 Tu.....6:00pm- 8:45pm (A 0102) Roblyer, P
1603 W.....6:00pm- 8:40pm (A 0102) Roblyer, P
1604 Tu.....6:00pm- 8:45pm (A 1104) Macbain, S

ENGL393N Technical Writing; Grade Method: REG; Business writing. Prerequisite: ENGL 101 or equivalent (junior standing). — 3 credits

0101 MWF.....9:00am- 9:50am (ULB 1112) Pauli, R
0201 MWF.....10:00am-10:50am (ULB 1108) Harris, E
0301 MWF.....11:00am-11:50am (ULB 1112) Harris, E
0401 MWF.....12:00pm-12:50pm (A 0103) Wintohn, P
0501 MWF.....1:00pm- 1:50pm (RR 0119) Harris, E
0701 TuTh.....9:30am-10:45am (ULB 1108) Rice, E
0801 TuTh.....11:00am-12:15pm (ULB 1108) Rice, E
1001 TuTh.....2:00pm- 3:15pm (LL 2123) Hewett, N
1201 Tu.....6:00pm- 8:45pm (A 1102) Mann, G

ENGL393X Technical Writing; Grade Method: REG; For students for whom English is a second language. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). — 3 credits

0101 MWF.....11:00am-11:50am (ARC 1121) Perla, S
0201 MWF.....1:00pm- 1:50pm (A 1101) Novotny, J
0301 TuTh.....8:00am- 9:15am (A 1101) Oliver, G
0401 TuTh.....11:00am-12:15pm (U 2118) Cheong, M
0501 TuTh.....12:30pm- 1:45pm (C 0124) Cheong, M

ENGL393Z Technical Writing; Grade Method: REG; Involves computer-assisted instruction. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). — 3 credits

0101 TuTh.....9:30am-10:45am (LL 1120) Marvin, C
0601 TuTh.....11:00am-12:15pm (R 1130) Marvin, C

ENGL402 Chaucer; Grade Method: REG/P-F/AUD; — 3 credits

0201 MWF.....2:00pm- 2:50pm (A 1103) Rutherford, C

ENGL403 Shakespeare; Grade Method: REG/P-F/AUD; — 3 credits

0101 MWF.....9:00am- 9:50am (A 2103) Cooper Jr., S
0201 TuTh.....2:00pm- 3:15pm (A 1103) Dobin, H

ENGL404 Shakespeare; Grade Method: REG/P-F/AUD; — 3 credits

0101 MWF.....12:00pm-12:50pm (RR 0120) Beauchamp, V
0201 TuTh.....2:00pm- 3:15pm (A 0102) Hamilton, D

ENGL412 Literature of the Seventeenth Century, 1600-1660; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: Completion of two literature courses. — 3 credits

0101 MWF.....2:00pm- 2:50pm (A 0102) Hamilton, G
0201 TuTh.....8:00am- 9:15am (RR 0120) Wilson, G

ENGL414 Milton; Grade Method: REG/P-F/AUD; — 3 credits

0101 MWF.....11:00am-11:50am (A 2101) Hamilton, G

ENGL416 Literature of the Eighteenth Century; Grade Method: REG/P-F/AUD; — 3 credits

0101 MWF.....9:00am- 9:50am (RR 0125) Marcuse, M

ENGL419A Major British Writers: T.S. Eliot and James Joyce; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (RR 0119) Kleine, D

ENGL420 Literature of the Romantic Period; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: Completion of two literature courses. 3 credits
0201 MWF.....11:00am-11:50am (A 0103) Smith, G

ENGL422 Literature of the Victorian Period; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.. ....12:00pm-12:50pm (RR 0124) Cate, G

ENGL425 Modern British Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (A 0102) Cross, R

ENGL431 American Literature, 1810 to 1865, the American Renaissance; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (RR 0120) Levine, R

ENGL432 American Literature, 1865 to 1914, Realism and Naturalism; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (A 0110) Dunn, N
0201 MWF.....12:00pm-12:50pm (RR 0116) Smith, M

ENGL433 American Literature, 1914 to the Present, the Modern Period; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (A 1101) Van Egmond, P

ENGL434 American Drama; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (A 1103) Auchard, J
0201 TuTh.....11:00am-12:15pm (A 2101) Bryer, J

ENGL437 Contemporary American Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (RR 0120) Caramello, C

ENGL438A Major American Writers: Hawthorne and Poe; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (A 1102) Hovey, R

ENGL441 The Novel in America Since 1910; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (A 1102) Lawson, L

ENGL445 Modern British and American Poetry; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (RR 0120) Holton, W

ENGL450 Elizabethan and Jacobean Drama; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (RR 0103) Trousdale, M

ENGL453 Literary Criticism; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: completion of two literature courses. 3 credits
0101 MWF.....10:00am-10:50am (A 1102) Spector, S
0201 TuTh.....9:30am-10:45am (RR 0125) Barry, J
0301 TuTh.....2:00pm- 3:15pm (RR 0117) Barry, J

ENGL454 Modern Drama; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (RR 0123) Robinson, J

ENGL455 The English Novel; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (A 0102) Hammond, E

ENGL457 The Modern Novel; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (A 1102) Kleine, D

ENGL462 Folksong and Ballad; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....9:30am-10:45am (A 1103) Pearson, B

ENGL464 Afro-American Folklore and Culture; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (A 1104) Fry, G

ENGL466 Arthurian Legend; Grade Method: REG/P-F/AUD: 3 credits
0101 TuTh.....2:00pm- 3:15pm (A 1101) Herman, H

ENGL476 Modern Fantasy and Science Fiction; Grade Method: REG/P-F/AUD; 3 credits
0201 TuTh.....11:00am-12:15pm (A 0102) Flieger, V

ENGL478A Selected Topics in English and American Literature Before 1800: The Old Testament as Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (A 2101) Rashkow, I

ENGL478B Selected Topics in English and American Literature Before 1800: The New Testament as Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (A 2126) Dungey, K

ENGL478E Selected Topics in English and American Literature Before 1800: Sexuality in Plays of Shakespeare; Grade Method: REG/P-F/AUD; English Honors course. 3 credits
(PermReq)
0101 MWF.....11:00am-11:50am (A 2137) Leinwand, T

ENGL479C Selected Topics in English and American Literature After 1800: Irish Literary Renaissance; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (A 1104) Loizeaux, E

ENGL479D Selected Topics in English and American Literature After 1800: Ten Contempory Masters; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (A 2126) Isaacs, N

ENGL479E Selected Topics in English and American Literature After 1800: Linguistic Approaches to Literature; Grade Method: REG/P-F/AUD; English Honors course. 3 credits
(PermReq)
0101 MWF.....12:00pm-12:50pm (A 1102) Coleman, L

ENGL486 Introduction to Old English; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (A 2126) Dungey, K

ENGL489A Special Topics in English Language: The Language of Advertising; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....9:00am- 9:50am (A 0103) Coleman, L
0201 MWF.....10:00am-10:50am (RR 0119) James, E
0301 MWF.....2:00pm- 2:50pm (A 0103) James, E

ENGL489C Special Topics in English Language: Language of the Law; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (A 1103) Miller, M

ENGL493 Advanced Expository Writing; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (RR 0121) Middleton, J
0201 MWF.....10:00am-10:50am (A 0102) Middleton, J
0301 MWF.....1:00pm- 1:50pm (RR 0124) Townsend, B
0401 TuTh.....2:00pm- 3:15pm (LL 2117) Gorski, W

ENGL498A Creative Writing: Fiction Workshop; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....12:30pm- 1:45pm (A 1101) Kornblatt, J

ENGL498B Creative Writing: Poetry Writing; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....2:00pm- 3:15pm (A 1104) Jellema, R

ENGL499A Advanced Creative Writing: Fiction Workshop; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....9:30am-10:45am (A 0108) Salamanca, J

ENGL499B Advanced Creative Writing: Poetry Workshop; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....12:30pm- 1:45pm (RR 0117) Plumly, S

ENGL601 Bibliography and Methods; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:00pm (A 2137) Howard, J
Time and room to be arranged
0201 W.....4:00pm- 6:00pm (A 0135) Leinwand, T
Time and room to be arranged

ENGL605 Readings in Linguistics; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:00pm (A 0108) Miller, M
Time and room to be arranged

ENGL611 Approaches to College Composition; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Donawerth, J
W.....6:30pm- 8:30pm (RR 0120)

ENGL612 Approaches to Professional and Technical Writing; Grade Method: REG/AUD; 3 credits
0101 M.....6:00pm- 8:30pm (A 0108) Marcuse, M

ENGL620 Readings in Medieval English Literature; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:00pm (A 0103) Birdsall, E
Time and room to be arranged

ENGL626 Readings in American Literature Before 1865; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:00pm (A 1103) Bennett, M
Time and room to be arranged

ENGL630 Readings in 20th Century English Literature; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:30pm (RR 0120) Russell, J

ENGL699 Independent Study; Grade Method: REG/AUD; 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

ENGL719A Seminar in Renaissance Literature: Language, Character and Structure in Shakespeare; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:00pm (A 2137) Mack Jr, M
Time and room to be arranged

ENGL719B Seminar in Renaissance Literature: Dramatists Under James I; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:00pm (A 0135) Trousdale, M
Time and room to be arranged

ENGL728 Seminar in Seventeenth-Century Literature: Satire and Silence in 17th Century Literature; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:00pm (A 2137) Hamilton, G
Time and room to be arranged

ENGL729 Seminar in Eighteenth-Century Literature: Pope and His Circle; Grade Method: REG/AUD; 3 credits
0101 Meets 09/18/86 - 12/11/86 Carretta, V
Th.....7:00pm- 9:00pm (A 0135)
Time and room to be arranged

ENGL739 Seminar in Nineteenth-Century Literature: Carlyle and Arnold; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:00pm (A 3100) Cate, G
Time and room to be arranged

ENGL748A Seminar in American Literature: Melville; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:00pm (A 2137) Vitzthum, R
Time and room to be arranged

ENGL748B Seminar in American Literature: Pound and Lowell; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:00pm (A 2137) Holton, W
Time and room to be arranged

ENGL749 Studies in Twentieth-Century Literature: Lawrence, Forster, and Woolf; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:00pm (A 2137) Panichas, G
Time and room to be arranged

ENGL758 Literary Criticism; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:00pm (A 0135) Handelman, S
Time and room to be arranged

ENGL769 Studies in Fiction; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:00pm (A 0135) David, D
Time and room to be arranged

ENGL799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENGL819 Seminar in Themes and Types in English Literature: Discourse of American Romance; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:00pm (A 2137) Levine, R
Time and room to be arranged

ENGL899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

ENMA Engineering, Materials (Engineering)

ENMA462 Deformation of Engineering Materials; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MW.....12:30pm- 1:45pm (U 2118) Ankem, S

ENMA470 Structure and Properties of Engineering Materials; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MW.....3:30pm- 4:45pm (U 2120) Arsenault, R

ENMA473 Processing of Engineering Materials; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....3:30pm- 4:45pm (J 1126) Dieter Jr., G

ENMA650 Structure of Engineering Materials; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 F.....6:00pm- 8:30pm (U 2116) Wuttig, M

ENMA660 Chemical Physics of Engineering Materials; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 TuTh.....6:00pm- 7:15pm (U 2116) Ankem, S

ENMA698A Special Problems in Engineering Materials: Transmission Electron Laboratory; Grade Method: REG/AUD; 1-3 credits
(PermReq)
0101 Time and room to be arranged STAFF

ENMA698B Special Problems in Engineering Materials: Advanced Studies in Corrosion; Grade Method: REG/AUD; 1-3 credits
(PermReq)
0101 Time and room to be arranged STAFF

ENMA799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

ENMA899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits
(PermReq)

ENME Engineering, Mechanical (Engineering)

ENME205 Engineering Analysis and Computer Programming; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MW.....9:00am- 9:50am (J 1202) STAFF
Th.....11:00am- 1:00pm (J 3108) DIS
0102 MW.....9:00am- 9:50am (J 1202) STAFF
Th.....11:00am- 1:00pm (J 3110) DIS
0103 MW.....9:00am- 9:50am (J 1202) STAFF
Th.....1:00pm- 3:00pm (J 3108) DIS
0104 MW.....9:00am- 9:50am (J 1202) STAFF
F.....1:00pm- 3:00pm (J 3108) DIS

ENME217 Theromodynamics; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 MW.....10:00am-10:50am (J 1202) STAFF
M.....1:00pm- 3:00pm (J 3108) DIS
0102 MW.....10:00am-10:50am (J 1202) STAFF
Tu.....11:00am- 1:00pm (J 3108) DIS
0103 MW.....10:00am-10:50am (J 1202) STAFF
Tu.....1:00pm- 3:00pm (J 3108) DIS
0104 MW.....10:00am-10:50am (J 1202) STAFF
W.....1:00pm- 3:00pm (J 3108) DIS
0105 MW.....10:00am-10:50am (J 1202) STAFF
Th.....11:00am- 1:00pm (J 2154) DIS

ENME310 Mechanics of Deformable Solids; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....11:00am-11:50am (J 1106) STAFF
0201 MWF.....9:00am- 9:50am (J 1108) STAFF
0301 MWF.....10:00am-10:50am (J 3110) STAFF

ENME311 Mechanics of Deformable Solids Laboratory; Grade Method: REG/P-F/AUD; 1 credit
(PermReq)
0101 M.....12:30pm- 1:20pm (J 0104) STAFF
M.....1:30pm- 3:30pm (S 0102) LAB
0201 Tu.....12:30pm- 1:20pm (J 0104) STAFF
Tu.....1:30pm- 3:30pm (S 0102) LAB
0301 W.....12:30pm- 1:20pm (J 0104) STAFF
W.....1:30pm- 3:30pm (S 0102) LAB
0401 Th.....12:30pm- 1:20pm (J 0104) STAFF
Th.....1:30pm- 3:30pm (S 0102) LAB
0501 F.....12:30pm- 1:20pm (J 0104) STAFF
F.....1:30pm- 3:30pm (S 0102) LAB

ENME315 Intermediate Thermodynamics; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....9:30am-10:45am (J 0135) STAFF
0201 MWF.....10:00am-10:50am (J 0135) STAFF
0301 MWF.....11:00am-11:50am (J 1104) STAFF

ENME320 Thermodynamics; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....8:00am- 8:50am (J 1126) STAFF
0201 MWF.....11:00am-11:50am (J 0110) STAFF

ENME321 Transfer Processes; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 MWF.....9:00am- 9:50am (J 2112) STAFF
0201 MWF.....10:00am-10:50am (J 2154) STAFF
0301 MWF.....11:00am-11:50am (J 3110) STAFF

ENME342 Fluid Mechanics I; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 TuTh.....9:30am-10:45am (J 3110) STAFF
0201 TuTh.....9:30am-10:45am (J 1104) STAFF
0301 TuTh.....11:00am-12:15pm (ITV 1111) STAFF

ENME343 Fluid Mechanics Laboratory; Grade Method: 1 credit
(PermReq) REG/P-F/AUD;
0101 M.....12:30pm- 1:20pm (J 3114) STAFF
M.....1:30pm- 3:30pm (S B0110) LAB
0201 Tu.....12:30pm- 1:20pm (J 3114) STAFF
Tu.....1:30pm- 3:30pm (S B0110) LAB
0301 W.....12:30pm- 1:20pm (J 3114) STAFF
W.....1:30pm- 3:30pm (S B0110) LAB
0401 Th.....12:30pm- 1:20pm (J 3114) STAFF
Th.....1:30pm- 3:30pm (S B0110) LAB
0501 F.....12:30pm- 1:20pm (J 3114) STAFF
F.....1:30pm- 3:30pm (S B0110) LAB
0601 W.....2:30pm- 3:20pm (J 0104) STAFF
W.....3:30pm- 5:30pm (S B0110) LAB

ENME360 Dynamics of Machinery; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 TuTh.....11:00am-12:15pm (J 0135) STAFF
0201 TuTh.....9:30am-10:45am (J 1106) STAFF
0301 TuTh.....11:00am-12:15pm (J 1104) STAFF

ENME381 Measurements Laboratory; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 TuTh.....11:00am-11:50am (J 1202) STAFF
M.....12:30pm- 3:30pm (S 1187) LAB
0102 TuTh.....11:00am-11:50am (J 1202) STAFF
Tu.....12:30pm- 3:30pm (S 1187) LAB
0103 TuTh.....11:00am-11:50am (J 1202) STAFF
W.....12:30pm- 3:30pm (S 1187) LAB
0104 TuTh.....11:00am-11:50am (J 1202) STAFF
Th.....12:30p - 3:30pm (S 1187) LAB
0105 TuTh.....11:00am-11:50am (J 1202) STAFF
F.....12:30pm- 3:30pm (S 1187) LAB

ENME400 Machine Design; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....8:00am- 9:15am (J 1110) STAFF
0201 TuTh.....9:30am-10:45am (ITV 1111) STAFF
0301 MWF.....1:00pm- 1:50pm (J 2112) STAFF
0401 MWF.....1:00pm- 1:50pm (J 1126) STAFF

ENME402 Selected Topics in Engineering Design; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MW.....3:30pm- 4:45pm (J 1104) STAFF

ENME403 Automatic Controls; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 MWF.....8:00am- 8:50am (J 1120) STAFF
0201 MWF.....9:00am- 9:50am (J 1106) STAFF
0301 MWF.....10:00am-10:50am (J 1104) STAFF

ENME404 Mechanical Engineering Systems Design; Grade Method: REG/P-F/AUD; Limited to December graduates. 4 credits
(PermReq)
0101 TuTh.....11:00am-11:50am (U 2110) STAFF
TuTh.....12:30pm- 3:30pm (U 2108) DIS

ENME405 Energy Conversion Design; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 MWF.....11:00am-11:50am (J 1110) STAFF
0201 TuTh.....9:30am-10:45am (J 3108) STAFF
0301 MWF.....11:00am-11:50am (J 3108) STAFF
0401 MW.....11:00am-12:15pm (J 2112) STAFF

ENME412 Mechanical Design For Manufacturing and Production; Grade Method: REG/P-F/AUD; Prerequisite: ENME 400. 3 credits
(PermReq)
0101 MWF.....10:00am-10:50am (J 2107) STAFF

ENME414 Computer-Aided Design; Grade Method: REG/P-F/AUD; (Design technical elective.) Permission of instructor required 3 credits
(PermReq)
0101 MWF.....9:00am- 9:50am (S 1101) STAFF

ENME415 Engineering Applications of Solar Energy; Grade Method: REG/P-F/AUD; (Design technical elective.) 3 credits
(PermReq)
0101 TuTh.....9:30am-10:45am (J 1120) STAFF

ENME451 Mechanical Engineering Systems For Underwater Operations; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....11:00am-11:50am (J 1120) STAFF

ENME480 Engineering Experimentation; Grade Method: REG/P-F/AUD; Limited to December graduates. 3 credits
(PermReq)
0101 M.....12:00pm-12:50pm (J 1202) STAFF
MW.....1:00pm- 3:30pm (J 1202) LAB

ENME488 Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to mechanical engineering seniors. 3 credits
(PermReq)

ENME489 Special Topics in Mechanical Engineering; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits
(PermReq)

ENME489B Special Topics in Mechanical Engineering: Biomedical Engineering; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MW.....3:30pm- 4:45pm (J 1110) STAFF

ENME489I Special Topics in Mechanical Engineering: Internal Combustion Engines; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....8:00am- 9:15am (J 2154) STAFF

ENME489K Special Topics in Mechanical Engineering: Kinematic Synthesis of Mechanisms; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....9:30am-10:45am (J 0104) STAFF

ENME489P Special Topics in Mechanical Engineering: Engineering Communication; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 Th.....6:30pm- 9:00pm (J 1106) STAFF

ENME489R Special Topics in Mechanical Engineering: Robotics in Engineering; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....3:30pm- 4:45pm (J 3114) STAFF

ENME605 Systems Analysis I; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 MW.....3:30pm- 4:45pm (ITV 1111) STAFF

ENME624 Energy Conversion: Plasma State; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 TuTh.....5:00pm- 6:15pm (J 3110) STAFF

ENME631 Advanced Conduction and Radiation Heat Transfer; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 TuTh.....3:30pm- 4:45pm (ITV 1100) STAFF

ENME651 Fundamentals of Fluid Mechanics I; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 TuTh.....6:30pm- 7:45pm (ITV 1111) STAFF

ENME654 Topics in Compressible Flow; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 MW.....5:00pm- 6:15pm (J 2112) STAFF

ENME665 Advanced Topics in Vibrations; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 TuTh.....3:30pm- 4:45pm (J 3108) STAFF

ENME677 Applied Elasticity; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 TuTh.....5:00pm- 6:15pm (J 3108) STAFF

ENME680 Experimental Mechanics; Grade Method: REG/AUD; 3 credits
(PermReq)

0101 MW.....3:30pm- 5:30pm (J 2102) STAFF

ENME700 (PermReq) Advanced Mechanical Engineering Analysis I; Grade Method: REG/AUD; 3 credits
0101 MW.....6:30pm- 7:45pm (J 1106) STAFF

ENME799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENME808 (PermReq) Advanced Topics in Mechanical Engineering; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged STAFF

ENME808B (PermReq) Advanced Topics in Mechanical Engineering: Turbulence; Grade Method: REG/AUD; 3 credits
0101 MW.....3:30pm- 4:45pm (J 1124) STAFF

ENME808F (PermReq) Advanced Topics in Mechanical Engineering: Manufacturing Resource Planning Systems; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (J 0110) STAFF

ENME808Q (PermReq) Advanced Topics in Mechanical Engineering: Manufacturing Processes; Grade Method: REG/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (J 2154) STAFF

ENME808Y (PermReq) Advanced Topics in Mechanical Engineering: Energy Systems Analysis; Grade Method: REG/AUD; 3 credits
0101 MW.....6:30pm- 7:45pm (J 1104) STAFF

ENME899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

ENNU Engineering, Nuclear (Engineering)

ENNU310 (PermReq) Environmental Aspects of Nuclear Engineering; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (U 2108) Duffey, D

ENNU430 (PermReq) Radioisotope Power Sources; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....6:30pm- 9:00pm (U 2120) Duffey, D

ENNU440 (PermReq) Nuclear Technology Laboratory; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....1:00pm- 3:00pm (U 2140) Pertmer, G
Th.....1:00pm- 5:00pm (U 1308) LAB
Th.....1:00pm- 5:00pm (U 2302) DIS

ENNU450 (PermReq) Nuclear Reactor Engineering I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (U 2136) Almenas, K

ENNU461 (PermReq) Chemical Separation in the Nuclear Cycle Reactor Fuel; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (U 2140) Duffey, D

ENNU468 (PermReq) Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-3 credits

ENNU468A (PermReq) Research: Statistical Quality Control; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....7:00pm- 8:15pm (U 2120) Raheja, D

ENNU468B (PermReq) Research: Basic Reliability Engineering; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....6:30pm- 9:00pm (J 2107) Lafala, K
TV01 Time and room to be arranged Lafala, K
TV99 Time and room to be arranged Lafala, K

ENNU468C (PermReq) Research: Basic Reliability Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....6:30pm- 9:00pm (J 2107) Modarres, M
TV01 Time and room to be arranged Modarres, M
TV99 Time and room to be arranged Modarres, M

ENNU470 (PermReq) Introduction to Controlled Fusion; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....3:30pm- 4:45pm (J 0108) STAFF

ENNU480 (PermReq) Reactor Core Design; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....4:00pm- 5:15pm (U 2140) Lee, R

ENNU609 (PermReq) Seminar in Nuclear Engineering; Grade Method: REG/AUD; 1 credit
0101 Tu.....11:00am-11:50am (U 2145) Modarres, M

ENNU620 (PermReq) Methods of Engineering Analysis; Grade Method: REG/AUD; 3 credits
0101 MW.....5:30pm- 6:45pm (U 2116) Modarres, M

ENNU640 (PermReq) Nuclear Reactor Physics II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....5:30pm- 6:45pm (U 2120) Munno, F

ENNU648 (PermReq) Special Problems in Nuclear Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

ENNU720 (PermReq) Neutral Particle Transport Theory; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Munno, F

ENNU799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENNU840 (PermReq) Nuclear Reactor Design; Grade Method: REG/AUD; 3 credits
0101 TuTh.....4:00pm- 5:15pm (U 2116) Hsu, Y

ENNU899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

ENTM Entomology (Life Sciences)

ENTM100 Insects; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (O 0200) Hellman, J

ENTM111 Beekeeping; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....11:00am-11:50am (O 1308) Hellman, J

ENTM303 International Pesticide Problems and Solutions; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....9:00am- 9:50am (AR 0110) Bottrell, D

ENTM351 Introduction to Insect Population Management; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (O 2109) Harrison, F

ENTM398 General Colloquium in Entomology; Grade Method: REG/P-F/AUD; 1 credit
0101 M.....4:00pm- 4:50pm (O 0200) STAFF

ENTM399 (PermReq) Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ENTM423 Insect Morphology and Classification; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....1:00pm- 4:00pm (O 2303) Messersmith, D

ENTM451 Insect Pests of Agricultual Crops; Grade Method: REG/P-F/AUD; Prerequisite - ENTM 204. 4 credits
0101 MF.....9:00am- 9:50am (F 1101) Harrison, F
MF.....10:00am-12:00pm (O 2303) LAB

ENTM453 Insect Pests of Ornamentals and Turf; Grade Method: REG/P-F/AUD; Prerequisite - ENTM 204 or approval of instructor. 3 credits
0101 TuTh.....1:00pm- 1:50pm (O 1308) Davidson, J
Tu.....2:00pm- 5:00pm (O 2300) LAB

ENTM699 (PermReq) Advanced Entomology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENTM789 Field Experience in Pest Management; Grade Method: REG/AUD; 1-6 credits
0101 Time and room to be arranged Dively II, G
0201 Time and room to be arranged Harrison, F

ENTM798A Topic Seminar: Seminar in Biosystematics and Morphology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Mitter, C

ENTM798C Topic Seminar: Physiology and Toxicology: Insect Transmission of Plant Disease; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Hsu, H

ENTM798D Topic Seminar: Insect Pest Management; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Lamp, W

ENTM798F Topic Seminar: Acarology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Davidson, J

ENTM798G Topic Seminar: Scientific Illustration; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Teramura, K

ENTM799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENTM899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

FDSC Food Science (Agriculture)

FDSC111 Contemporary Food Industry and Consumerism; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (O 0200) Weeks, C

FDSC399 (PermReq) Special Problems in Food Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FDSC413 Principles of Food Processing II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (WW 1109) Marshall, J

FDSC421 (PermReq) Food Chemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (WW 1109) Vijay, I

FDSC423 Food Chemistry Laboratory; Grade Method: REG/P-F/AUD; 2 credits
0101 MW.....2:00pm- 5:00pm (WW 1144) STAFF

FDSC431 Food Quality Control; Grade Method: REG/P-F/AUD; Class will meet in room F1108, Thursday 6-715pm. 4 credits
0101 Th.....6:00pm- 7:15pm (F 1108) Schlimme, D
Tu.....6:00pm- 7:15pm (F 0128B)
Th.....7:30pm- 9:30pm (F 0109) LAB

FDSC442 Horticultural Products Processing; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 2:50pm (F 1108) Wiley, R
Th.....3:00pm- 5:00pm (F 0113) LAB

FDSC482 Seafood Products Processing; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....6:00pm- 8:30pm (F 1102) Chai, T

FDSC689D Seminar in Food Science: Sensory Evaluation of Foods, Descriptive Analysis; Grade Method: REG/AUD; 3 credits
0101 TuTh.....6:00pm- 7:15pm (H 3407) Gillette, M

FDSC689N Seminar in Food Science: Advanced Freezing Technology; Grade Method: REG/AUD; 3 credits
0101 W.....6:00pm- 8:45pm (F 1108) Elehwany, N

FDSC698 Colloquium in Food Science; Grade Method: REG/AUD; 1 credit
0101 Tu.....4:00pm- 4:50pm (F 1102) Marshall, J

FDSC699 (PermReq) Special Problems in Food Science; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

FDSC799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FDSC899 (PermReq) Doctoral Dissertation Research, Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

FMCD Family and Community Development (Human Ecology)

FMCD105 The Individual in the Family; Grade Method: REG/P-F/AUD; For freshmen and sophomores only. 3 credits
0101 MWF.....10:00am-10:50am (AR 0112) Wilson, L
0201 MWF.....11:00am-11:50am (AR 0112) Wilson, L

FMCD200 Pre-professional Seminar; Grade Method: REG/P-F/AUD; Formerly FMCD 270. 1 credit
0101 M.....2:00pm- 2:50pm (A 0124) Hanna, W

FMCD201 Concepts in Community Development; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 W.....6:00pm- 8:45pm (A 0124) STAFF

FMCD250 Decision Making in Families and Communities; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MW.....12:00pm- 1:15pm (AS 2203) Hanna, W

FMCD260 Interpersonal Life Styles; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (A 0124) STAFF

FMCD330 Family Patterns; Grade Method: REG/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: PSYC 100. For juniors and seniors only. 3 credits
0101 MW.....2:00pm- 3:15pm (AR 0110) Leslie, L
0201 MW.....10:00am-11:15am (G 1116) STAFF

FMCD332 The Child in the Family; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100 or SOCY 100. For juniors and seniors only. 3 credits
0101 TuTh.....9:30am-10:45am (H 0108) Millstein, F
0201 TuTh.....11:00am-12:15pm (H 3418) Millstein, F

FMCD348 Practicum in Family and Community Development; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Advanced written application must be completed by end of semester preceding internship. Student must arrange schedule to enable appropriate time blocks for experience. Concurrent enrollment in 1-credit of FMCD 349 required with registration in FMCD 348. May be repeated in subsequent semester in other credit combinations, but must be taken with FMCD 349. Students are encouraged to find internship placements that permit a 20-36 hour per week involvement. Appropriate credits will be rewarded. 4-12 credits

FMCD349 Analysis of Practicum; Grade Method: REG/P-F/AUD; Advance written application required. Enrollment for 1-credit required with first registration in FMCD 348. May be repeated in subsequent semesters in other credit combinations, but must be taken with FMCD 348. 1 credit
0101 M.....9:00am-11:00am (H 1206) Millstein, F

FMCD381 Poverty and Affluence Among Families and Communities; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (E 2242) Hula, R

FMCD386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with FMCD 387. 1-3 credits

FMCD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with FMCD 386. 1-3 credits

FMCD399 (PermReq) Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FMCD431 Family Crises and Intervention; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: PSYC 100. For seniors and graduate students only. 3 credits
0101 M.....6:00pm- 8:45pm (H 1304) Werlinich, C

FMCD441 Personal and Family Finance; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (R 1114) Churaman, C
0201 MWF.....10:00am-10:50am (R 1114) Churaman, C

FMCD445 Family and Household Management; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....1:00pm- 3:45pm (H 1206) Churaman, C

FMCD446 (PermReq) Cross Cultural Family and Community Field Experiences; Grade Method: REG/P-F/AUD; 3-6 credits
0101 Time and room to be arranged Wilson, L

FMCD483 Family and Community Service Systems; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....6:30pm- 9:15pm (H 1206) STAFF

FMCD485 Introduction to Family Counseling; Grade Method: REG/P-F/AUD; Restricted to juniors and seniors only. 3 credits
0101 Th.....11:00am- 1:45pm (H 1206) Werlinich, C

FMCD487 Legal Aspects of Family Problems; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Restricted to juniors, seniors, and graduate students only. 3 credits
0101 Tu.....6:00pm- 8:45pm (RR 0106) Myricks, N

FMCD499V Special Topics: Family Policy; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (H 1206) Anderson, E

FMCD600 Research and Theory in Family Studies; Grade Method: REG/AUD; 3 credits
0101 Tu.....5:00pm- 7:45pm (H 3418) Phillips Jr., R

FMCD610 Research methods for Family and Community Development; Grade Method: REG/AUD; 3 credits
0101 F.....9:00am-11:45am (H 1206) Anderson, E

FMCD640 Family Therapy: Theory and Techniques; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:45pm (H 1206) Leslie, L

FMCD642 Intergenerational Aspects of Family Therapy; Grade Method: REG/AUD; 3 credits
0101 Th.....2:00pm- 4:45pm (H 1206) Gaylin, N

FMCD645 Sexual Issues and the Helping Professional; Grade Method: REG/AUD; 3 credits
0101 Th.....9:00am-11:45am (H 1210) Epstein, N

FMCD650 Clinical Seminar in Family Therapy; Grade Method: REG/AUD; Restricted to MFT specialization students 3 credits
0101 Tu.....9:00am-11:45am (H 1206) Gaylin, N

FMCD652 Clinical Practicum in Family Therapy II; Grade Method: REG/AUD; Restricted to MFT specialization students 3 credits
0101 Tu.....9:00am-11:45am (H 1210) Epstein, N

FMCD660 Planning of Family and Community Development Programs; Grade Method: REG/AUD; 3 credits
0101 M.....6:00pm- 8:45pm (NN 1202) Schneider, L

FMCD698 (PermReq) Advanced Topics in Family and Community Development; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. 1-3 credits

FMCD698V Advanced Topics in Family and Community Development: Family Policy; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (H 1206) Anderson, E

FMCD699 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FMCD699S (PermReq) Independent Study: Theory and Practice of Clinical Supervision; Grade Method: REG/AUD; 1-6 credits
0101 Time and room to be arranged Gaylin, N

FMCD799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. 1-6 credits

---

FOLA Foreign Language (Arts and Humanities)

FOLA128 Introductory Middle Eastern Languages I: Arabic I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (RR 0107) Stowasser, K

SELF-INSTRUCTIONAL LANGUAGE PROGRAM
The program is essentially self-instructional. The student supplies a blank tape and, in return, receives a recorded tape with the week's lessons. There is also a manual designed for self-instruction which the student is required to purchase. A native-speaking tutor will be assigned to drill the student in the material learned from the tape and the accompanying manual. Every effort will be made to arrange drill sessions at times suitable to all participants in the program. Attendance at drill sessions is required of all students. There will be one final examination administered by a qualified examiner appointed by the director. The entire semester's grade will derive from this examination. Enrollment in the program is strictly limited. Application forms available in LL 3106. Mandatory orientation and scheduling meeting will be held at beginning of semester. Details posted outside LL 3122.

FOLA138A (PermReq) Directed Study of a Foreign Language I: Hungarian I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138B (PermReq) Directed Study of a Foreign Language I: Romanian I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits

0101 Time and room to be arranged LAB MacBain, W

FOLA138C (PermReq) Directed Study of a Foreign Language I: Modern Greek I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138D (PermReq) Directed Study of a Foreign Language I: Dutch I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138F (PermReq) Directed Study of a Foreign Language I: Polish I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138K (PermReq) Directed Study of a Foreign Language I: Persian I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in LL 3106.) Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138P (PermReq) Directed Study of a Foreign Language I: Hindi I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138Q (PermReq) Directed Study of a Foreign Language I: Norwegian I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in LL 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside LL 3122. Read note above describing the Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138R (PermReq) Directed Study of a Foreign Language I: Turkish I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138S (PermReq) Directed Study of a Foreign Language I: Egyptian Arabic I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138U (PermReq) Directed Study of a Foreign Language I: Korean I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in LL 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA139C (PermReq) Directed Study of a Foreign Language II: Modern Greek II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138C or consent of program director. All students planning to take this course must complete an application form (available in LL 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA139P (PermReq) Directed Study of a Foreign Language II: Hindi II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138P or consent of program director. All students planning to take this course must complete application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instuctional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148A (PermReq) Directed Study of a Foreign Language III: Hungarian III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139A or FOLA 158A or consent of program director. All students planning to take this course must complete an application form (available in LL 3016). Mandatory orientation and scheduling meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148C (PermReq) Directed Study of a Foreign Language III: Modern Greek III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139C or FOLA 158C or consent of program director. All students planning to take this course must complete an application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148D (PermReq) Directed Study of a Foreign Language III: Dutch III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139D or FOLA 158D or consent of program director. All students planning to take this course must complete application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148F (PermReq) Directed Study of a Foreign Language III: Polish III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139F or FOLA 158F or consent of program director. All students planning to take this course must complete an application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148K (PermReq) Directed Study of a Foreign Language III: Persian III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139K or FOLA 158K or consent of program director. All students planning to take this course must complete application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148P (PermReq) Directed Study of a Foreign Language III: Hindi III; Grade Method: REG/P-F/AUD; Prerequisites: FOLA 139P or FOLA 158P or consent of program director. All students planning to take this course must complete an application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148Q (PermReq) Directed Study of a Foreign Language III: Norwegian III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139Q or FOLA 158Q or consent of program director. All students planning to take this course must complete application form (available in LL 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148R (PermReq) Directed Study of a Foreign Language III: Turkish III; Grade Method: REG/P-F/AUD; Prerequisite : FOLA 139R or 158R or consent of program director. All students planning to take this course must complete an application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148S (PermReq) Directed Study of a Foreign Language III: Egyptian Arabic III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139S or FOLA 158S or consent of program director. All students planning to take this course must complete an application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148U (PermReq) Directed Study of a Foreign Language III: Korean III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139U or FOLA 158U or consent of program director. All students planning to take this course must complete application form (available in LL 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA149C (PermReq) Directed Study of a Foreign Language IV: Modern Greek IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148C or consent of program director. All students planning to take this course must complete application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA149P (PermReq) Directed Study of a Foreign Language IV: Hindi IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148P or consent of program director. All students planning to take this course must complete application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA149S (PermReq) Directed Study of a Foreign Language IV: Egyptian Arabic IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA148S or consent of program director. All students planning to take this course must complete application form (available in LL 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA158P (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Hindi; Grade Method: REG/P-F/AUD; Students may register for FOLA 158P or 158X, not both. All students planning to take this course must complete an application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA158X (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Urdu; Grade Method: REG/P-F/AUD; Students may register for FOLA 158X or 158P, not both. All students planning to take this course must complete an application form (available in LL 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA159X (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Urdu; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 158X or 158P or 139P or consent of program director. All students planning to take this course must complete an application form (available in LL 3106). Mandatory orientation meeting will be held. Details posted outside LL 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA228 Intermediate Middle Eastern Languages I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (RR 0119) Stowasser, K

FOLA389A Foreign Civilization: Germanic Mythology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (LL 3205) Fleck, J

FOLA389B Foreign Civilization: The Age of Chivalry; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (LL 3205) Fleck, J

FOLA389C Foreign Civilization: German Civilization I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (LL 3205) Fleck, J

FOLA418T Practicum in Translation for International Diplomacy: French; Grade Method: REG/P-F/AUD; Students must attend an organizational meeting on 9/3/86 at 3:00 p.m. in LL4120; after that date contact Dr. Pulgram at 454-4301 or 774-2666 for schedule information and assignment of computer instruction hours. 3 credits
0101 Time and room to be arranged STAFF

FOLA418U Practicum in Translation for International Diplomacy: German; Grade Method: REG/P-F/AUD; Students must attend an organizational meeting on 9/2/86 at 3pm in LL4120; after that date contact Dr. Pulgram at 454-4301 or 774-2666 for schedule and assignment of computer instruction hours. 3 credits
0101 Time and room to be arranged Pulgram, E

FOLA418W Practicum in Translation for International Diplomacy: HEBREW; Grade Method: REG/P-F/AUD; Students must attend an organizational meeting on 9/3/86 at 3PM in LL 4120; after that date contact Dr. Pulgram at 454-4301 or 774-2666 for schedule information and assignment of computer instruction hours. 3 credits
0101 Time and room to be arranged Liberman, E

FOLA418Y Practicum in Translation for International Diplomacy: Russian; Grade Method: REG/P-F/AUD; Students must attend an organizational meeting on 9/3/86 at 3pm in LL4120; after that date contact Dr. Pulgram at 454-4301 or 774-2666 for schedule informatioin and assignment of computer instruction hours. 3 credits
0101 Time and room to be arranged Lekie, M

FOLA418Z Practicum in Translation for International Diplomacy: Spanish; Grade Method: REG/P-F/AUD; Students must attend an organizational meeting on 9/3/86 at 3pm in LL4120; after that date contact Dr. Pulgram at 454-4301 or 774-2666 for schedule information and assignment of computer instruction hours. 3 credits
0101 Time and room to be arranged STAFF

FOLA459A Foreign Literature in Translation: Ibsen in Translation; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....1:00pm- 3:30pm (LL 1125) Oster, R

FOOD Food (Human Ecology)

FOOD110 Food For People; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....9:30am-10:45am (ARC 1105) McDonald, S

FOOD240 Science of Food I; Grade Method: REG/P-F/AUD; Pre or co-requisites: CHEM 104 or 233. 3 credits
0101 TuTh.....10:00am-10:50am (AR 0117) Axelson, M
Tu.....2:00pm- 5:00pm (H 3401) LAB
0102 TuTh.....10:00am-10:50am (AR 0117) Axelson, M
W.....2:00pm- 5:00pm (H 3401) LAB
0103 TuTh.....10:00am-10:50am (AR 0117) Axelson, M
Th.....1:00pm- 4:00pm (H 3401) LAB

FOOD250 Science of Food II; Grade Method: REG/P-F/AUD; Prerequisite: FOOD 240. 3 credits
0101 TuTh.....1:00pm- 1:50pm (H 3418) Curtis, S
M.....2:00pm- 5:00pm (H 3401) LAB
0102 TuTh.....1:00pm- 1:50pm (H 3418) Curtis, S
W.....9:00am-12:00pm (H 3401) LAB
0103 TuTh.....1:00pm- 1:50pm (H 3418) Curtis, S
Th.....9:00am-12:00pm (H 3401) LAB

FOOD440 Advanced Food Science I; Grade Method: REG/P-F/AUD; Prerequisites: FOOD 250; BCHM 261 or 461. 3 credits
0101 TuTh.....11:00am-12:15pm (H 0108) Choi, Y

FOOD445 Advanced Food Science Laboratory; Grade Method: REG/P-F/AUD; 1 credit
0101 W.....1:00pm- 4:00pm (H 3419) LAB Choi, Y

FOOD630 Sensory Evaluation of Foods; Grade Method: REG/AUD; Prerequisite: FOOD 450 and a statistics course. Taught alternate years. 3 credits
0101 TuTh.....6:00pm- 7:15pm (H 3407) Axelson, M

FOOD660 Research Methods; Grade Method: REG/AUD; 3 credits
0101 Th.....6:00pm- 8:45pm (H 3418) Prather, M

FOOD678L (PermReq) Special Topics in Foods: Food Lipids; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (H 3418) Choi, Y

FOOD688 Seminar; Grade Method: REG/AUD; 1 credit
0101 Th.....4:00pm- 4:50pm (H 3418) Curtis, S

FOOD789 Non-Thesis Research; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FOOD799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FOOD888 (PermReq) Doctoral Seminar; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Read, M

FOOD899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

FREN French (Arts and Humanities)

A booklet fully describing courses to be offered is available in the office of the department of French and Italian, room 3106 of the Juan Ramon Jimenez building.

FREN101 Elementary French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Read foreign language placement section in this schedule and above note. Students are advised not to buy textbooks until the first day of class. 4 credits
0101 MTuWF.....8:00am- 8:50am (LL 0103) STAFF
0201 MTuWF.....9:00am- 9:50am (LL 0103) STAFF
0301 MTuWF.....9:00am- 9:50am (LL 0122) STAFF
0401 MTuWF.....10:00am-10:50am (LL 0103) STAFF
0501 MTuWF.....10:00am-10:50am (LL 0118) STAFF
0601 MTuWF.....11:00am-11:50am (LL 0103) STAFF
0701 MTuWF.....11:00am-11:50am (LL 0118) STAFF
0801 MTuWF.....12:00pm-12:50pm (LL 0103) STAFF
0901 MTuWF.....12:00pm-12:50pm (LL 0118) STAFF
1001 MTuWF.....1:00pm- 1:50pm (LL 0103) STAFF
1101 MTuWF.....1:00pm- 1:50pm (LL 0118) STAFF
1201 TuTh.....2:00pm- 4:00pm (LL 0122) STAFF
1301 MW.....2:00pm- 4:00pm (LL 2222) STAFF
1401 MW.....2:00pm- 4:00pm (LL 2120) STAFF
1501 MW.....7:00pm- 9:00pm (LL 0122) STAFF
1601 MW.....2:00pm- 4:00pm (LL 1104) STAFF
1701 TuTh.....2:00pm- 4:00pm (LL 2102) STAFF
1801 MW.....7:00pm- 9:00pm (GG 0104) STAFF
1901 MWF.....11:00am-11:50am (ULB 1116) STAFF
Tu.....11:00am-11:50am (OO 2203)

FREN102 Elementary French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Read foreign language placement section in this schedule and above note. Open only to students who have completed FREN 101. 4 credits
0101 MWThF.....8:00am- 8:50am (LL 0118) STAFF
0201 MWThF.....9:00am- 9:50am (LL 0118) STAFF
0301 MWF.....10:00am-10:50am (LL 0125) STAFF
Th.....10:00am-10:50am (LL 1109)
0401 MWF.....11:00am-11:50am (LL 0125) STAFF
Th.....11:00am-11:50am (LL 2122)
0501 TuTh.....2:00pm- 4:00pm (LL 0125) STAFF
0601 TuTh.....7:00pm- 9:00pm (LL 0125) STAFF
0701 MWF.....11:00am-11:50am (NN 2228) STAFF
Th.....11:00am-11:50am (LL 2207)
0801 TuTh.....2:00pm- 4:00pm (LL 1224) STAFF

FREN103 Review of Elementary French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Read foreign language placement section in this schedule and above note. 4 credits
0101 MWThF.....8:00am- 8:50am (LL 0125) STAFF
0201 MWF.....9:00am- 9:50am (LL 0125) STAFF
Th.....9:00am- 9:50am (LL 0103)
0301 MWF.....12:00pm-12:50pm (LL 2125) STAFF
Th.....12:00pm-12:50pm (LL 0103)
0401 MWF.....1:00pm- 1:50pm (LL 2125) STAFF
Th.....1:00pm- 1:50pm (LL 0103)

FREN104 Intermediate French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Read foreign language placement section in this schedule and above note. 4 credits
0101 MWThF.....8:00am- 8:50am (LL 2122) STAFF
0201 MWThF.....9:00am- 9:50am (LL 2122) STAFF
0301 MWThF.....10:00am-10:50am (LL 2122) STAFF
0401 MWF.....12:00pm-12:50pm (LL 0125) STAFF
Th.....12:00pm-12:50pm (LL 2122)
0501 MWF.....1:00pm- 1:50pm (LL 0125) STAFF
Th.....1:00pm- 1:50pm (LL 2122)
0601 MW.....2:00pm- 4:00pm (LL 0125) STAFF
0701 MW.....7:00pm- 9:00pm (LL 0125) STAFF

FREN104H Intermediate French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Honors course. 4 credits
0101 MWF.....12:00pm-12:50pm (LL 3120) Demaitre, A
F.....1:00pm- 1:50pm (LL 3120)

FREN121 Accelerated French I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....9:00am- 9:50am (LL 2120) MacBain, W

FREN121H Accelerated French I; Grade Method: 3 credits

REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Honors.
0101 MWF.....9:00am- 9:50am (LL 2120) MacBain, W

FREN200 French For Reading; Grade Method: 3 credits REG/P-F/AUD;
0101 MW.....2:00pm- 3:15pm (LL 3118) Demaitre, A

FREN201 Review Grammar and Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (LL 3118) Bondurant, D
0201 MWF.....10:00am-10:50am (LL 3118) Joseph, J

FREN211 Intermediate Conversation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am- 8:50am (LL 3118) STAFF
0201 TuTh.....11:00am-12:15pm (LL 1120) Mossman, C
0301 MWF.....11:00am-11:50am (AR 0105) STAFF

FREN250 Readings in French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....10:00am-10:50am (LL 3120) Black, C
0201 TuTh.....9:30am-10:45am (LL 2120) Rubin, V
0301 TuTh.....2:00pm- 3:15pm (LL 3120) Barrabini, M

FREN250H Readings in French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....10:00am-10:50am (LL 3120) Black, C
0201 TuTh.....9:30am-10:45am (LL 2120) Rubin, V
0301 TuTh.....2:00pm- 3:15pm (LL 3120) Barrabini, M

FREN301 Composition and Style; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (LL 3120) STAFF
0201 MWF.....11:00am-11:50am (LL 2120) Therrien, M

FREN302 Introduction to Translation; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (LL 2125) Mossman, C

FREN311 French Conversation: Contemporary Issues; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (LL 2120) Verdaguer, P
0201 MWF.....12:00pm-12:50pm (LL 2120) STAFF

FREN312 French Conversation: Current Cultural Events; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (LL 2102) Barrabini, M
0201 MWF.....9:00am- 9:50am (LL 2102) STAFF

FREN351 French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....9:30am-10:45am (LL 3118) Mason, H

FREN351H French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Honors. 3 credits
0101 TuTh.....9:30am-10:45am (LL 3118) Mason, H

FREN352 French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....10:00am-10:50am (LL 2120) MacBain, W

FREN352H French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Honors. 3 credits
0101 MWF.....10:00am-10:50am (LL 2120) MacBain, W

FREN370 Aspects of French Civilization; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (LL 2102) Verdaguer, P

FREN386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FREN387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FREN398 (PermReq) Practicum in Spoken French; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Supervised conversation under professor of student's choice with consent of instructor. Contact department for details. Prerequisite: FREN 312 or permission of department chairman. 1 credit

FREN399 (PermReq) Directed Study in French; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor. Contact department for details. 1-3 credits

FREN401 Stylistics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LL 2120) Rubin, V

FREN404 Advanced Conversation in French; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....5:00pm- 7:30pm (LL 3118) Barrabini, M

FREN459 Studies in 19th Century French Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (LL 2125) Mossman, C

FREN459H Studies in 19th Century French Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (LL 2125) Mossman, C

FREN473 Contemporary French Society; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (LL 3120) Verdaguer, P

FREN473H Contemporary French Society; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (LL 3120) Verdaguer, P

FREN478C Themes and Movements of French Literature in Translation: Conflict between Individual and Society in French Literature ; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (LL 0105) Rubin, V

FREN489 Pro-Seminar in Themes or Movements of French Literature: The Theater; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (LL 3118) Demaitre, A

FREN489H Pro-Seminar in Themes or Movements of French Literature: The Theater; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (LL 3118) Demaitre, A

FREN494H (PermReq) Honors Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

FREN495H (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

FREN498 Special Topics in French Literature: From Classicism to the Enlightenment; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (LL 3118) Therrien, M

FREN498C Special Topics in French Literature: The Conflict Between the Individual and Society; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (LL 0105) Rubin, V
Th.....11:00am-12:00pm (LL 1125)

FREN498H Special Topics in French Literature: From Classicsm to the Enlightenment; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (LL 3118) Therrien, M

FREN600 Problems in Bibliography and Research Methods; Grade Method: REG/AUD; 3 credits
0101 W.....2:00pm- 4:30pm (LL 3120) Tarica, R

FREN640 Voltaire; Grade Method: REG/AUD; 3 credits
0101 W.....5:00pm- 7:30pm (LL 3118) Mason, H

FREN653 The French Novel in the Nineteenth Century; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:00pm (LL 4223) Peterson, C
Time and room to be arranged DIS

FREN679A (PermReq) The History of Ideas in France: The Postwar Scene in Europe; Grade Method: REG/AUD; 3 credits
0101 Meets 10/07/86 - 11/11/86 STAFF
Tu.....1:30pm- 6:00pm (LL 1123)
Time and room to be arranged LAB

FREN699 Seminar: Three French Writers and their Cinema: Cocteau, Duras, Robbe-Grillet; Grade Method: REG/AUD; 3 credits
0101 Tu.....2:00pm- 4:30pm (LL 0118) Hage, M

FREN709 College Teaching of French; Grade Method: S-F; 1 credit
0101 Time and room to be arranged Hage, M

FREN798 (PermReq) Master's Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FREN799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FREN898 (PermReq) Doctoral Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

FREN898F (PermReq) Doctoral Independent Study: Folger Seminar; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged STAFF

FREN899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

GEOG Geography (Behavior + Social Sci)

GEOG100 Introduction to Geography; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....10:00am-10:50am (SSB 2205) Cirrincione, J
0201 MWF.....11:00am-11:50am (SSB 2205) Cirrincione, J

GEOG130 Developing Countries; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (AA 1124) Samarasinghe, V

GEOG140 Coastal Environments; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 TuTh.....9:30am-10:45am (AS 2203) Stone, G

GEOG150 World Cities; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Satisfies URBS 100 requirement 3 credits
0101 TuTh.....2:00pm- 3:15pm (SSB 2205) Harper, R

GEOG201 Geography of Environmental Systems; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies (B) Non-Lab Science and Mathematics requirement. If taken with GEOG 211, course may be counted as lab science requirement. 3 credits
0101 MWF.....10:00am-10:50am (SSB 2208) Petzold, D

GEOG202 The World in Cultural Perspective; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (SSB 2208) Mitchell, R
0201 TuTh.....9:30am-10:45am (SSB 2208) Fonaroff, L

GEOG203 Economic Geography; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (SSB 1220) Mastran, S

GEOG211 Geography of Environmental Systems Laboratory; Grade Method: REG/P-F/AUD; Prerequisite or corequisite GEOG 201, or GEOL 100, or GEOL 120. This is a 2 hr, 1 credit lab which parallels GEOG 201; Required for GEOG majors, optional for non-majors. 1 credit
0101 TBA (SSB 1104) Petzold, D

GEOG305 Quantitative Methods in Geography; Grade Method: REG/P-F/AUD; Satisfies URBS 350 requirements. 3 credits
0101 MWF.....10:00am-10:50am (AA 1130) Brodsky, H
0201 MWF.....2:00pm- 2:50pm (AA 1130) Brodsky, H

GEOG310 Research and Writing in Geography; Grade Method: REG; Course satisfies English 391 composition requirement for geography majors only. Preferred prerequisite: GEOG 305. Limited to geography majors with senior standing. 3 credits
0101 Tu.....3:00pm- 5:30pm (SSB 1179) Fonaroff, L
0201 MW.....2:00pm- 3:15pm (SSB 1179) Sawyer, S

GEOG321 Maryland and Adjacent Areas; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 Th.....3:30pm- 6:00pm (SSB 2205) Fonaroff, L

GEOG322 Central America, the Caribbean and Mexico; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (SSB 1201) Chaves, A

GEOG324 Europe; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (SSB 1221) Groves, P

GEOG345 Climatology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (SSB 1221) Petzold, D

GEOG370 Principles of Cartography; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 M.....4:00pm- 6:30pm (SSB 2205) Frieswyk, H
Time and room to be arranged LAB

GEOG372 Remote Sensing; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....12:00pm- 2:00pm (SSB 1220) Leatherman, S
F.....12:00pm- 2:00pm (SSB 1138) LAB
0201 M.....12:00pm- 2:00pm (SSB 1220) Leatherman, S
W.....12:00pm- 2:00pm (SSB 1138) LAB

GEOG373 Computer Mapping; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....6:30pm- 9:00pm (SSB 1104) Lai, P

GEOG384 (PermReq) Internship in Geography; Grade Method: REG/P-F; Prerequisites: GEOG 305 and 310. 3 credits
0101 Time and room to be arranged STAFF

GEOG385 (PermReq) Internship Research Paper; Grade Method: REG/P-F/AUD; Must be taken with GEOG 384. 3 credits
0101 Time and room to be arranged STAFF

GEOG398 (PermReq) Honors Research; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Fonaroff, L

GEOG399 (PermReq) Honors Thesis; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Fonaroff, L

GEOG410 Colonial North America; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (SSB 1222) Mitchell, R

GEOG422 Population Geography; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....7:00pm- 9:30pm (SSB 1201) Christian, C

GEOG434 Agricultural and Rural Development; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 W.....3:00pm- 5:30pm (SSB 1221) Peiris, G

GEOG454 Washington: Past and Present; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (SSB 1208) Groves, P

GEOG456 The Social Geography of Metropolitan Areas; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (AA 1122) Christian, C

GEOG464 Energy Resources and Planning; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....10:00am-10:50am (SSB 1221) Sawyer, S

GEOG471 Cartographic Production; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....2:00pm- 4:30pm (SSP 1138) Wiedel, J
TBA (SSB 1138) LAB

GEOG480 Advanced Remote Sensing; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 372 or introductory remote sensing in another department. 3 credits
0101 Tu.....7:00pm- 9:30pm (SSB 1104) Goward, S

GEOG481 Advanced Computer Mapping; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 373 or consent of instructor; 3 credits
0101 W.....4:00pm- 6:30pm (SSB 1104) Broome, F

GEOG483 Survey of Computer Facilities for Geography and Urban Studies; Grade Method: REG/P-F/AUD; Restrict to grad students only in GEOG and URBS. 1 credit
0101 Th.....3:30pm- 4:45pm (SSB 1104) Thompson, D
0201 Th.....5:00pm- 6:15pm (SSB 1104) Thompson, D

GEOG498 (PermReq) Topical Investigations: Selected Topics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GEOG600 Introduction to Graduate Study in Geography; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:30pm (SSB 1179) Mitchell, R

GEOG615 Geomorphology; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:30pm (SSB 1179) Kearney, M

GEOG618D Seminar in Geomorphology: Geographical Hydrology; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:30pm (SSB 1201) Galvin, C

GEOG668 (PermReq) Seminar in Economic Geography: Seminar in Economic Geography; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:30pm (SSB 1221) Brodsky, H

GEOG679P Seminar in Urban Geography: The Planning Process; Grade Method: REG/AUD; 3 credits
0101 M.....6:00pm- 8:45pm (NN 1202) Schneider, L

GEOG695 Spatial Models; Grade Method: REG/AUD; Prerequisite: GEOG 483 or equivalent and GEOG 605 or equivalent. 3 credits
0101 W.....7:00pm- 9:30pm (SSB 1179) Thompson, D

GEOG788 (PermReq) Selected Topics in Geography; Grade Method: REG; 1-3 credits
0101 Time and room to be arranged STAFF
1501 Time and room to be arranged Kearney, M

GEOG789 (PermReq) Independent Readings; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GEOG790 (PermReq) Internship in Geography; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

GEOG798 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

GEOG799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

GEOG899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

GEOL Geology (Comp, Math, & Phys Sci)

GEOL100 Physical Geology; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies (B) Non-Lab Sciences and Mathematics requirement. If taken with GEOL 110, course can be counted as lab-science requirement. 3 credits
0201 MWF.....1:00pm- 1:50pm (E 0226) STAFF
0301 TuTh.....12:30pm- 1:45pm (E 0226) Wylie, A

GEOL101 Physical Geology for Science Students; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Concurrent registration with GEOL 110 required. 3 credits
0101 TuTh.....2:00pm- 3:15pm (E 0226) STAFF

GEOL110 Physical Geology Laboratory; Grade Method: REG/P-F/AUD; 1 credit
0101 M.....9:00am-12:00pm (GEO 2106) LAB STAFF
0102 M.....1:00pm- 4:00pm (GEO 2106) LAB STAFF
0103 Tu.....12:00pm- 3:00pm (GEO 2106) LAB STAFF
0104 Tu.....3:00pm- 6:00pm (GEO 2106) LAB STAFF
0105 Tu.....6:00pm- 9:00pm (GEO 2106) LAB STAFF
0106 W.....9:00am-12:00pm (GEO 2106) LAB STAFF
0107 W.....1:00pm- 4:00pm (GEO 2106) LAB STAFF
0108 Th.....12:00pm- 3:00pm (GEO 2106) LAB STAFF
0109 Th.....3:00pm- 6:00pm (GEO 2106) LAB STAFF

GEOL120 Environmental Geology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MWF.....8:00am- 8:50am (E 0226) Segovia, A

GEOL212 Planetary Geology; Grade Method: REG; 3 credits
0101 TuTh.....11:00am-12:15pm (GEO 1120) Adler, I

GEOL321 Crystallography; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 8:50am (E 0226) Chang, L
W.....1:00pm- 3:00pm (GEO 2113) LAB
0102 TuTh.....8:00am- 8:50am (E 0226) Chang, L
Tu.....1:00pm- 3:00pm (GEO 2113) LAB
0103 TuTh.....8:00am- 8:50am (E 0226) Chang, L
Th.....1:00pm- 3:00pm (GEO 2113) LAB

GEOL331 Invertebrate Paleontology; Grade Method: REG/P-F/AUD; 4 credits
0101 MWF.....9:00am- 9:50am (ULB 0117) STAFF
M.....2:00pm- 5:00pm (GEO 2107) LAB
0102 MWF.....9:00am- 9:50am (ULB 0117) STAFF
W.....2:00pm- 5:00pm (GEO 2107) LAB

GEOL340 Geomorphology; Grade Method: REG/P-F/AUD; 4 credits
0101 MWF.....10:00am-10:50am (GEO 1120) Ridky, R
W.....11:00am- 1:00pm (GEO 2107) LAB

GEOL393 Technical Writing for Geoscientists; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....4:00pm- 5:30pm (O 0200) STAFF

GEOL394 Research Problems in Geology; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....4:00pm- 5:30pm (O 0200) STAFF

GEOL423 Optical Mineralogy; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....2:00pm- 2:50pm (GEO 1120) Wylie, A
Th.....8:00am-12:00pm (GEO 2117) LAB
0102 Tu.....2:00pm- 2:50pm (GEO 1120) Wylie, A
Tu.....8:00am-12:00pm (GEO 2117) LAB

GEOL443 Petrology; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....11:00am-11:50am (GEO 1120) Weidner, J
M.....1:00pm- 4:00pm (GEO 2117) LAB

GEOL445 Principles of Geochemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (GEO 1120) Candela, P

GEOL446 Geophysics; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....6:00pm- 9:00pm (GEO 1120) Wynn, J

GEOL447 Geochemistry of Fuels; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....6:00pm- 9:00pm (GEO 1120) STAFF

GEOL456 Engineering Geology; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 2:00pm (GEO 1120) Segovia, A

GEOL499 (PermReq) Special Problems in Geology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GEOL614 Thermodynamics of Geological Processes; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:30pm (GEO 2107) Candela P

GEOL622 Minerology of the Rock-forming Silicates; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 5:00pm (GEO 1120) Chang, L

GEOL641 Advanced Structural Geology; Grade Method: REG/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (GEO 1120) McLellan, E

GEOL642 Sedimentary Petrography; Grade Method: REG/AUD; 3 credits
0101 MW.....8:00am-12:00pm (GEO 2117) STAFF

GEOL643 Igneous Petrology; Grade Method: REG/AUD; 3 credits
0101 TuTh.....1:00pm- 3:00pm (GEO 2117) Nielsen, R

GEOL660 Glacial and Quaternary Geology; Grade Method: REG/AUD; 3 credits
0101 W.....2:00pm- 5:00pm (GEO 1120) Ridky, R

GEOL663 Morphotectonics; Grade Method: REG/AUD; 3 credits
0101 M.....2:00pm- 5:00pm (GEO 1120) Segovia, A

GEOL789 Recent Advances in Geology; Grade Method: REG/AUD; 2-4 credits
0101 F.....1:00pm- 4:00pm (GEO 1120) Weidner, J

GEOL789F Recent Advances in Geology: Tectonics of the Northern Appalachians; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged McLellan, E

GEOL799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

GEOL899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

GERM German (Arts and Humanities)

GERM101 Elementary German I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MTuWF.....8:00am- 8:50am (LL 0204) STAFF
0201 MTuWF.....9:00am- 9:50am (LL 0204) STAFF
0301 MTuWF.....10:00am-10:50am (LL 0204) STAFF
0401 MTuWF.....11:00am-11:50am (LL 0204) STAFF
0501 MTuWF.....12:00pm-12:50pm (LL 0204) STAFF
0601 MTuWF.....1:00pm- 1:50pm (LL 0204) STAFF
0701 MTuWF.....2:00pm- 2:50pm (LL 0204) STAFF
0801 MWF.....9:00am- 9:50am (LL 1122) STAFF
Tu.....9:00am- 9:50am (LL 1125)
0901 MWF.....11:00am-11:50am (LL 3203) STAFF
Tu.....11:00am-11:50am (LL 2122)
1001 MWF.....10:00am-10:50am (LL 3207) STAFF
Tu.....10:00am-10:50am (LL 0208)

GERM102 Elementary German II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0201 MWF.....9:00am- 9:50am (LL 2206) STAFF
Th.....9:00am- 9:50am (LL 0204)
0301 MWF.....10:00am-10:50am (LL 1122) STAFF
Th.....10:00am-10:50am (LL 0204)
0401 MWF.....11:00am-11:50am (LL 1122) STAFF
Th.....11:00am-11:50am (LL 0204)
0601 MWF.....1:00pm- 1:50pm (LL 1122) STAFF
Th.....1:00pm- 1:50pm (LL 2207)

GERM103 Review of Elementary German; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWF.....9:00am- 9:50am (LL 3205) STAFF
Tu.....9:00am- 9:50am (LL 0118)
0201 MWF.....9:00am- 9:50am (LL 2125) STAFF
Tu.....9:00am- 9:50am (LL 1109)

GERM104 Intermediate German; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWF.....9:00am- 9:50am (LL 0120) STAFF
Th.....9:00am- 9:50am (LL 0122)
0201 MWF.....10:00am-10:50am (J 1124) STAFF
Th.....10:00am-10:50am (LL 0103)
0301 MWF.....11:00am-11:50am (LL 2117) STAFF
Th.....11:00am-11:50am (LL 0103)

GERM104H Intermediate German; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; For students considering an honors major in German. Students will receive extra individualized supervision. Prerequisite: Grade of A or B in GERM102 or 103. 4 credits
0101 MWF.....10:00am-10:50am (LL 1109) STAFF
Th.....10:00am-10:50am (LL 1123)

GERM165 Elementary Swedish I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (LL 0202) Oster, R

GERM211 Intermediate German Conversation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (LL 3207) Fagan, S
0201 MWF.....12:00pm-12:50pm (LL 3118) STAFF

GERM220 Introduction to German Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....11:00am-11:50am (LL 3205) Strauch, G
0201 MWF.....11:00am-11:50am (GG 0104) STAFF

GERM282 Germanic Mythology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....2:00pm- 2:50pm (LL 3205) Fleck, J

GERM301 Conversation and Composition I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (LL 3203) STAFF
0201 MWF.....10:00am-10:50am (LL 3205) Oster, R

GERM302 Conversation and Composition II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (LL 3203) Fagan, S

GERM311 Intermediate Composition I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (LL 3205) STAFF

GERM321 Highlights of German Literature I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (LL 3203) Strauch, G

GERM369 Scandinavian Literature in Translation: Ibsen in Translation; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....1:00pm- 3:30pm (LL 1125) Oster, R

GERM381 German Civilization I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (LL 3205) Fleck, J

GERM384 The Age of Chivalry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (LL 3205) Fleck, J

GERM389 Topics in Germanic Culture: Reason and Faith; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement. 3 credits
0101 TuTh.....11:00am-12:15pm (LL 3203) Best, O

GERM397H (PermReq) Honors Reading (Independent Study); Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Students must have instructor's permission before registering. 3 credits

GERM401 Advanced Conversation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (LL 3203) STAFF

GERM403 Advanced Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (LL 3203) Herin, C

GERM415 German/English Translation I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....3:00pm- 3:50pm (LL 3203) Beicken, P

GERM419B Selected Topics in German Language Study: Business German; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (LL 3205) Rojer, O

GERM419J Selected Topics in German Language Study: German for Journalists; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (LL 3205) Rojer, O

GERM419P Selected Topics in German Language Study: Practicum in Translation for International Diplomacy; Grade Method: REG/P-F/AUD; Students must attend an organizational meeting on 9/2/86 at 3 PM in LL 4120; after that date contact Dr. Pulgram at 454-4301 or 774-2666 for schedule information and assignment of computer instruction hours. 3 credits
0101 Time and room to be arranged Pulgram, E

GERM423 From Enlightenment through Storm and Stress; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LL 3207) Best, O

GERM433 Naturalism and Its Counter Currents; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (LL 3207) Beicken, P

GERM472 Introduction to Germanic Philology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....3:00pm- 3:50pm (LL 3205) Fleck, J

GERM499 (PermReq) Directed Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GERM499C Directed Study: Using the Micro-Computer as a Translation Workstation; Grade Method: REG/AUD; For students who lack computer skills but want to take FOLA 418. Students must attend an organizational meeting on 9/2/86 at 3pm in LL4120; after that date contact Dr. Pulgram at 454-4301 or 774-2666 for schedule information and assignment of computer instruction hours. 1 credit
0101 Meets 09/02/86 - 09/30/86 Pulgram, E
TBA (LL 4120)

GERM621 Middle High German Literature I; Grade Method: REG/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (LL 3207) Strauch, G

GERM631 German Lyric Poetry; Grade Method: REG/AUD; 3 credits
0101 W.....5:00pm- 7:30pm (LL 3207) Beicken, P

GERM633 The German Novel; Grade Method: REG/AUD; 3 credits
0101 Tu.....5:00pm- 7:30pm (LL 3205) Best, O

GERM798 (PermReq) Master's Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

0101: Beicken, Peter 0201: Best, Otto
0301: Bilik, Dorothy 0401: Fagan, Sarah
0501: Fleck, Jere 0801: Frederiksen, Elke
0701: Fuegi, John 0801: Herin, Christoph
0901: Oster, Rose-Marie 1001: Pfister, Guenter 1101: Strauch, Gabraele 1201: Brecht, Richard

GERM799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

GERM828 Seminar: The 18th Century: Schiller; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 7:30pm (LL 3207) Herin, C

GERM829 Seminar: The 19th Century: Heinrich Heine and His Time: German, Jewish and in Exile; Grade Method: REG/AUD; 3 credits
0101 M.....5:00pm- 7:30pm (LL 3207) Frederiksen, E

GERM898 (PermReq) Doctoral Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GERM899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

GREK Greek (Arts and Humanities)

GREK101 Elementary Greek; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Classical and New Testament Greek. For modern Greek, see FOLA. 3 credits
0101 MWF.....9:00am- 9:50am (ULB 1116) Hubbe, R
0201 MWF.....1:00pm- 1:50pm (F 1108) Hubbe, R

GREK203 Intermediate Greek (Grammar and Reading); Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (ULB 1116) Hubbe, R

GREK351 Euripides; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (Q 1136) STAFF

GREK488 (PermReq) Independent Study in Greek Language and Literature; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

The following courses in classics have been placed under the CLAS prefix: GREK 290: Greek and Latin Medical Terminology, GREK 309: Special Topics Greek Literature, GREK 370:Greek Literature in Translation. Students seeking information on these courses should consult the Schedule of Classes under CLAS.

GVPT Government and Politics (Behavior + Social Sci)

GVPT100 Principles of Government and Politics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....9:00am- 9:50am (N 2101) Parker, P
0201 TuTh.....11:00am-12:15pm (SSB 2205) Lehr, V

GVPT100H Principles of Government and Politics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 Tu.....12:30pm- 3:15pm (SSB 2123) Elkin, S

GVPT170 American Government; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....10:00am-10:50am (T 0200) Sykora, S
0201 MWF.....1:00pm- 1:50pm (SSB 2205) Mason, L
0301 TuTh.....8:00am- 9:15am (N 2101) Glendening, P
0401 TuTh.....12:30pm- 1:45pm (SSB 2205) Foreman Jr., C

GVPT210 Introduction to Public Administration and Policy; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (Q 1101) Swaine, K
0201 TuTh.....9:30am-10:45am (Q 1101) Vietri, L

GVPT220 Introduction to Political Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (SSB 1221) Oppenheimer, J
0201 MWF.....9:00am- 9:50am (AA 1122) Garber, J

GVPT231 Law and Society; Grade Method: REG/P-F/AUD; See 'What's New and Interesting.' 3 credits
0101 MWF.....10:00am-10:50am (N 2102) McIntosh, W

GVPT240 Political Ideologies; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....9:00am- 9:50am (SSB 2166) Jennings, G
0201 TuTh.....9:30am-10:45am (O 0200) Lehr, V

GVPT260 State and Local Government; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (Q 2106) Garber, J

GVPT273 Introduction to Environmental Politics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....10:00am-10:50am (SSB 2166) Pirages, D

GVPT280 Comparative Politics and Governments; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (Q 1102) Kim, D

GVPT282 The Government and Politics of the Third World; Grade Method: REG/P-F/AUD; See 'What's New and Interesting.' 3 credits
0101 MWF.....1:00pm- 1:50pm (SSB 2208) Lanning, E
0201 TuTh.....2:00pm- 3:15pm (ARC 1105) Kim, D

GVPT300 International Political Relations; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....9:00am- 9:50am (Q 1101) Payne, R
0201 MWF.....11:00am-11:50am (AR 0110) Hess, F
0301 TuTh.....11:00am-12:15pm (Q 2106) Hsueh, C
0401 W.....6:30pm- 9:15pm (Q 1101) Allouche, B

GVPT341 Political Morality and Political Action; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (Q 1101) Glass, J

GVPT376A Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD; Limited to Capitol Hill Interns. 6 credits
0101 Time and room to be arranged Lanning, E

GVPT376B Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD; Limited to Administrative Interns. 6 credits
0101 Time and room to be arranged Vietri, L

GVPT377A Seminar For Academic Interns; Grade Method: REG/P-F/AUD; Limited to Capitol Hill Interns. 3 credits
0101 W.....3:30pm- 6:15pm (SSB 2138H) Lanning, E

GVPT377B Seminar For Academic Interns; Grade Method: REG/P-F/AUD; Limited to Administrative Interns. 3 credits
0101 W.....3:30pm- 6:15pm (SSB 2123) Vietri, L

GVPT386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GVPT387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GVPT388 Topical Investigations; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. (Permission of director of undergraduate studies) 3 credits

GVPT392H Honors Seminar in Public Law and Political Theory, Grade Method: REG/P-F/AUD; 3 credits
0101 W.....2:00pm- 4:45pm (SSB 1210) Soltan, K

GVPT396 (PermReq) Introduction to Political Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

GVPT397 (PermReq) Honors Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

GVPT399A Seminar in Government and Politics: "Trapped Governments" - The Constraints of Democracy and the Outside World; Grade Method: REG/P-F/AUD; See 'What's New and Interesting' 3 credits
0101 M.....2:00pm- 4:45pm (SSB 2138H) Heisler, M

GVPT399B Seminar in Government and Politics: Contemporary Issues in World Politics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (Q 1101) Pirages, D

GVPT399C Seminar in Government and Politics: Chinese Foreign Policy; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (SSB 1208) Hsueh, C

GVPT399D Seminar in Government and Politics: Israeli Foreign Policy; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (A 0101) Weinberg, Y

GVPT401 Problems of World Politics; Grade Method: REG/P-F/AUD; See 'What's New and Interesting' 3 credits
0101 MWF.....1:00pm- 1:50pm (Q 1101) Kaminski, B

GVPT402 International Law; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (SSB 2166) Piper, D

GVPT405 Defense Policy and Arms Control; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; See 'What's New and Interesting.' 3 credits
0101 TuTh.....9:30am-10:45am (SSB 2166) Quester, G

GVPT412 Public Financial Administration; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (AR 0116) Ranald, R

GVPT423 Elections and Electoral Behavior; Grade Method: REG/P-F/AUD; See 'What's New and Interesting.' 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARC 1105) Uslaner, E

GVPT429 Problems in Political Behavior: Racial Minorities and Public Policy; Grade Method: REG/P-F/AUD; See 'What's New and Interesting.' 3 credits
0101 MWF.....2:00pm- 2:50pm (SSB 1221) Mason, L

GVPT431 Introduction to Constitutional Law; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (Q 1102) McCarrick, E

GVPT432 Civil Rights and the Constitution; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; See 'What's New and Interesting.' 3 credits
0101 TuTh.....9:30am-10:45am (Q 1102) Claude, R
0201 TuTh.....12:30pm- 1:45pm (SSB 2166) Claude, R

GVPT433 The Judicial Process; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (SSB 2166) McIntosh, W

GVPT436 The Legal Status of Women; Grade Method: REG/P-F/AUD; See "What's New and Interesting." 3 credits
0101 MWF.....11:00am-11:50am (SSB 1201) McCarrick, E

GVPT441 History of Political Theory: Ancient and Medieval; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....10:00am-10:50am (A 0124) Alford, C

GVPT442 History of Political Theory--Medieval to Recent; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (N 2101) Butterworth, C
0201 MWF.....12:00pm-12:50pm (NN 2154) Jennings, G

GVPT443 Contemporary Political Theory; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MW.....2:00pm- 3:15pm (SSB 2166) Terchek, R

GVPT450 Comparative Study of Foreign Policy Formation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (SSB 2208) Wilkenfeld, J

GVPT451 Foreign Policy of the U.S.S.R.; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (Q 1102) Dawisha, K

GVPT457 American Foreign Relations; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; See 'What's New and Interesting.' 3 credits
0101 TuTh.....11:00am-12:15pm (SSB 2166) Bobrow, D

GVPT462 Urban Politics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (Q 1102) Reeves, M

GVPT471 Women and Politics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; See 'What's New and Interesting' 3 credits
0101 TuTh.....2:00pm- 3:15pm (SSB 1221) Conway, M

GVPT475 The Presidency and the Executive Branch; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....6:30pm- 9:15pm (SSB 2166) Rundquist, P

GVPT479A Problems of American Public Policy: Politics of the Vietnam War; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....2:00pm- 4:45pm (SSB 2166) Vietri, L

GVPT622 Quantitative Methods For Political Science; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (SSB 1221) Wiley, S

GVPT700 Scope and Method of Political Science; Grade Method: REG/AUD; See 'What's New and Interesting.' 3 credits
0101 M.....6:30pm- 9:15pm (SSB 2138H) Alford, C

GVPT708 Seminar in International Relations Theory: Basic Field Seminar for Graduate Students; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (SSB 2138H) Quester, G

GVPT722 Advanced Quantitative Methods For Political Science; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:15pm (SSB 2176) Wiley, S

GVPT741 Political Theory; Grade Method: REG/AUD; See 'What's New and Interesting.' 3 credits
0101 Th.....6:30pm- 9:15pm (SSB 2138H) Glass, J

GVPT750 Policy Evaluation; Grade Method: REG/AUD; See 'What's New and Interesting.' 3 credits
0101 Tu.....3:30pm- 6:15pm (SSB 2123) Bobrow, D

GVPT770 Seminar in American Political Institutions; Grade Method: REG/AUD; See 'What's New and Interesting.' 3 credits
0101 Th.....6:30pm- 9:15pm (SSB 1210) Uslaner, E

GVPT799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

GVPT802 Seminar in International Law; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (SSB 2123) Piper, D

GVPT808 Selected Topics in Functional Problems in International Relations: International Political Economy; Grade Method: REG/AUD; 3 credits
0101 W.....6:30pm- 9:15pm (SSB 1210) Kaminski, B

GVPT812 Seminar in Public Financial Administration; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (SSB 1222) Ranald, R

GVPT818 Problems of Public Administration: The Politics of Regulation; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:15pm (SSB 2155) Foreman Jr., C

GVPT828 Selected Problems in Political Behavior: The State and Economy; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (SSB 2176) Soltan, K

GVPT831 Formal Theories of Politics; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (SSB 2138H) Oppenheimer, J

GVPT841 Great Political Thinkers; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (SSB 2155) Butterworth, C

GVPT846 Theories of Democracy; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (SSB 2155) Terchek, R

GVPT859 Selected Topics in Public Policy: Economic and Political Rationality; Grade Method: REG/AUD; 3 credits
0101 W.....6:30pm- 9:15pm (SSB 2123) Elkin, S

GVPT868 Problems of State and Local Government: State Politics and Policy; Grade Method: REG/AUD; 3 credits
0101 Tu.....9:00am-11:30am (SSB 1210) Reeves, M

GVPT876 Seminar in National Security Policy; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:30pm (A 1102) Kelleher, C

GVPT878A Problems in American Government and Politics: Political Participation and Electoral Behavior; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:15pm (SSB 2123) Conway, M

GVPT886 Comparative Governmental Institutions: Europe; Grade Method: REG/AUD; 3 credits
0101 W.....6:30pm- 9:15pm (SSB 2176) Heisler, M

GVPT889A Selected Topics in Area Problems in International Relations: The Management of Protracted Social Conflict; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (SSB 2176) Azar, E

GVPT889B Selected Topics in Area Problems in International Relations: Middle East in International Perspective; Grade Method: REG/AUD; 3 credits
0101 Th.....12:30pm- 3:00pm (SSB 2176) Weinberg, Y

GVPT889C Selected Topics in Area Problems in International Relations: Soviet Foreign Policy; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:15pm (SSB 2123) Dawisha, K

GVPT898 (PermReq) Readings in Government and Politics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. (Permission of director of graduate studies.) 3 credits

GVPT899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

HEBR Hebrew (Arts and Humanities)

Students who have no knowledge of Hebrew should register for HEBR 111. Students who have studied Hebrew elsewhere are required to consult Mrs Liberman for courses HEBR 211 and 212 or consult Professor Manekin on questions of placement above the HEBR 212 level.

HEBR111 Elementary Hebrew I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; For beginners. This course meets six hours per week for 6 credits. 6 credits
0101 MWF.....9:00am-11:00am (LL 2117) Liberman, E
0201 MWF.....9:00am-11:00am (F 1102) Levy, N
0301 MWF.....9:00am-11:00am (F 1106) Peleg, C

HEBR211 Intermediate Hebrew I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 6 credits
0101 MWF.....11:00am- 1:00pm (LL 0120) Liberman, E

HEBR231 Jewish Literature in Translation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 Tu.....7:00pm- 9:30pm (LL 2206) Mintz, A

HEBR313 Conversation and Composition I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (LL 2117) Manekin, C

HEBR322 Israeli Literature in Translation; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....2:00pm- 4:30pm (LL 2206) Mintz, A

HEBR333 Hebrew Civilization (In English); Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 Th.....2:00pm- 4:30pm (LL 2207) Berlin, A

HEBR381 Advanced Conversation and Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (LL 0202) Levy, N

HEBR386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Liberman, E

HEBR387 Field Work Analysis; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Liberman, E

HEBR471 Readings in Rabbinic Hebrew; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LL 1211) Manekin, C

HEBR498B Special Topics in Hebrew: Issues in Jewish Ethics and Law; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (LL 2117) Manekin, C

HEBR498I (PermReq) Special Topics in Hebrew; Grade Method: REG; 3 credits
0101 Time and room to be arranged STAFF

HEBR498T Special Topics in Hebrew: Translation Workshop; Grade Method: REG/P-F/AUD; Students must attend an organizational meeting on 9/3/86 at 3PM in LL 4120; after that date contact Dr. Pulgram at 454-4301 or 774-2666 for schedule information and assignment of computer instruction hours. 3 credits
0101 Time and room to be arranged Liberman, E

HESP Hearing and Speech Sciences (Behavior + Social Sci)

HESP120 Introduction to Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....9:00am- 9:50am (SSB 2208) STAFF

HESP202 Introduction to Hearing and Speech Sciences; Grade Method: REG/P-F/AUD; (Hearing and speech majors and non-majors.) 3 credits
0101 MWF.....9:00am- 9:50am (SSB 2205) STAFF

HESP300 Introduction to Psycholinguistics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (SSB 1201) Yeni-Komshian,

HESP305 Anatomy and Physiology of the Speech Mechanism; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MWF.....11:00am-11:50am (SSB 2208) McCall, G

HESP386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP400 Speech and Language Development in Children; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (Q 1101) Roth, F

HESP406 Speech Pathology III; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (SSB 1201) Dingwall, W

HESP407 Bases of Hearing Science; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (SSB 1201) STAFF

HESP411 Introduction to Audiology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (SSB 1201) Baker, D

HESP417 Principles and Methods in Speech-Language Pathology and Audiology; Grade Method: REG/P-F/AUD; Wednesday 12-2 session meets in SSB 1208. 3 credits
0101 MWF.....1:00pm- 1:50pm (SSB 1201) McCabe, M
W.....12:00pm- 1:50pm (SSB 1208)

HESP499 (PermReq) Independent Study: Topics in the Hearing and Speech Sciences; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP604 Acoustical and Perceptual Phonetics; Grade Method: REG/AUD; 3 credits
0101 F.....1:00pm- 3:30pm (SSB 0135) Yeni-Komshian,

HESP606 Basic Hearing Measurements; Grade Method: REG/AUD; 3 credits
0101 M.....3:30pm- 6:00pm (SSB 0135) Gordon-Salant,

HESP616 Language Disorders of Children; Grade Method: REG/AUD; 3 credits
0101 M.....1:00pm- 3:30pm (SSB 0135) Roth, F

HESP622 Neuromotor Disorders of Speech; Grade Method: REG/AUD; 3 credits
0101 Tu.....1:00pm- 3:30pm (SSB 0135) Dingwall, W

HESP624 Voice Disorders; Grade Method: REG/AUD; 3 credits
0101 Th.....1:00pm- 3:30pm (SSB 0135) McCall, G

HESP630 Electrophysiological Measurements; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:00pm (SSB 0135) Baker, D

HESP638 (PermReq) Minor Research Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP648A Clinical Practice in Speech: Diagnostic Procedures; Grade Method: REG/AUD; Course chairman - Roth, Froma. 1-3 credits
0101 Time and room to be arranged Patrick, S

HESP648B Clinical Practice in Speech: Rehabilitation Procedures; Grade Method: REG/AUD; Course chairman - Roth. 1-3 credits
0101 Time and room to be arranged Patrick, S
0102 Time and room to be arranged Patrick, S
0103 Time and room to be arranged Patrick, S
0104 Time and room to be arranged Patrick, S

HESP649A Clinical Practice in Audiology: Diagnostic Audiology; Grade Method: REG/AUD; Course chairman - Gordon-Salant. 1-3 credits
0101 Time and room to be arranged McCabe, M
0201 Time and room to be arranged McCabe, M

HESP649B Clinical Practice in Audiology: Aural Rehabilitation; Grade Method: REG/AUD; Course chairman - Gordon-Salant. 1-3 credits
0101 Time and room to be arranged McCabe, M

HESP702 Diagnostic Procedures in Speech Pathology; Grade Method: REG/AUD; 3 credits
0101 W.....1:00pm- 3:30pm (SSB 0135) Ratner, N

HESP706 Advanced Clinical Audiology; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:00pm (SSB 0135) Gordon-Salant,

HESP708 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HESP728 Advanced Clinical Practice in Speech: Advanced Graduate Laboratory Practicum in Speech-Language Pathology; Grade Method: REG/AUD; 1-8 credits
0101 Time and room to be arranged Patrick, S

HESP729 Advanced Clinical Practice in Audiology: Advanced Graduate Laboratory Practicum in Audiology; Grade Method: REG/AUD; 1-8 credits
0101 Time and room to be arranged McCabe, M

HESP799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HESP899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

HIST History (Arts and Humanities)

HIST115 Modern Business History; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned at first lecture. 3 credits
0101 TuTh.....10:00am-10:50am (RR 0106) Lampe, J
Time and room to be arranged DIS

HIST130 The Ancient World; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. 3 credits
0101 MW.....1:00pm- 1:50pm (RR 0106) Eckstein, A
Time and room to be arranged DIS

HIST131 The Medieval World; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. 3 credits
0101 MW.....10:00am-10:50am (RR 0106) Spiegel, G
Time and room to be arranged DIS

HIST131H The Medieval World; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 M.....2:00pm- 4:00pm (RR 1118) Spiegel, G
Time and room to be arranged DIS

HIST132 The Rise of the West: 1500--1789; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. 3 credits
0101 TuTh.....10:00am-10:50am (RR 0102) Williams, W
Time and room to be arranged DIS

HIST133 Modern Europe: 1789 - Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. 3 credits
0101 TuTh.....12:00pm-12:50pm (RR 0102) Yaney, G
Time and room to be arranged DIS
0201 MW.....11:00am-11:50am (RR 0102) Harris, J
Time and room to be arranged DIS

HIST144 The Humanities I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. 3 credits
0101 MW.....9:00am- 9:50am (RR 1117) Majeska, G
Time and room to be arranged DIS

HIST156 History of the United States to 1865; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned at first lecture. 3 credits
0101 TuTh.....11:00am-11:50am (RR 0106) Henretta, J
Time and room to be arranged DIS
0201 TuTh.....12:00pm-12:50pm (RR 0106) Smith, E
Time and room to be arranged DIS
0301 MW.....2:00pm- 2:50pm (RR 0106) Larew, M
Time and room to be arranged DIS
0401 MW.....11:00am-11:50am (RR 0106) Bradbury, M
Time and room to be arranged DIS
0501 MW.....9:00am- 9:50am (RR 0106) Smith, C
Time and room to be arranged DIS
0601 TuTh.....2:00pm- 2:50pm (RR 0106) McCusker, J
Time and room to be arranged DIS

HIST157 History of the United States Since 1865; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Discussion sections will be assigned at first lecture. 3 credits
0101 MW.....10:00am-10:50am (RR 1117) Ridgway, W
Time and room to be arranged DIS
0201 TuTh.....1:00pm- 1:50pm (RR 0102) Smith, C
Time and room to be arranged DIS
0301 MW.....1:00pm- 1:50pm (RR 0102) Hagen, J
Time and room to be arranged DIS
0401 TuTh.....9:00am- 9:50am (RR 0102) Evans, E
Time and room to be arranged DIS
0501 MW.....12:00pm-12:50pm (RR 0102) Nicklason, F
Time and room to be arranged DIS

HIST200 Introduction to the History of Science; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. 3 credits
0101 MW.....2:00pm- 2:50pm (Q 0200) Brush, S
Time and room to be arranged DIS

HIST201 Science and Technology in World History: Space/Time/Man/Woman; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. 3 credits
0101 TuTh.....1:00pm- 1:50pm (RR 0106) Friedel, R
Time and room to be arranged DIS

HIST210 Women in America to 1880; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement: 3 credits
0101 TuTh.....11:00am-12:15pm (RR 0116) Gullickson, G

HIST214H Pre-honors Colloquium in Early American History; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 M.....1:00pm- 3:00pm (RR 0107) — Berlin, I
Time and room to be arranged DIS

HIST219B Special Topics in History: Military History in Films; Grade Method: REG/P-F/AUD; — 3 credits
0201 M.....3:00pm- 4:00pm (RR 1117) — Sumida, J
W.....3:00pm- 6:00pm (RR 1117) DIS

HIST224 Modern Military History, 1494-1815; Grade Method: REG/P-F/AUD; Discussion sections will be assigned at first lecture. — 3 credits
0101 MWF.....10:00am-10:50am (RR 0116) — Sumida, J

HIST234 History of Britain to 1485; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned at first lecture. — 3 credits
0101 MW.....10:00am-10:50am (RR 0102) — Cockburn, J
Time and room to be arranged DIS

HIST236 History of Britain 1688 to Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section assigned at first lecture. — 3 credits
0101 TuTh.....10:00am-10:50am (AR 0110) — Tabili, L
Time and room to be arranged DIS

HIST237 Russian Civilization; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussions will be assigned during first lecture. — 3 credits
0101 MW.....2:00pm- 2:50pm (RR 0102) — Majeska, G
Time and room to be arranged DIS

HIST250 Latin American History I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....1:00pm- 1:50pm (RR 0126) — Warren, J

HIST255 Afro-American History; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (RR 0121) — Smead, E

HIST280 Islamic Civilization; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (RR 0116) — Zilfi, M

HIST282 History of the Jewish People I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. — 3 credits
0101 MW.....10:00am-10:50am (RR 0121) — Goodblatt, D
Time and room to be arranged DIS

HIST284 East Asian Civilization I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....11:00am-11:50am (RR 0103) — Folsom, K

HIST290 African Civilization; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (RR 0121) — Perinbam, B

HIST304 Modern Church History; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (RR 1117) — Hill, B

HIST306 History of Religion in America; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (RR 0126) — Bradbury, M

HIST309A Proseminar in Historical Writing: U.S. Colonial History; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....2:00pm- 4:00pm (RR 2119) — Evans, E
Time and room to be arranged DIS

HIST309B Proseminar in Historical Writing: Tudor - Stuart England; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....3:30pm- 5:30pm (RR 0125) — Breslow, M
Time and room to be arranged DIS

HIST309C Proseminar in Historical Writing: 19th Century U.S. History; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....4:00pm- 6:00pm (A 0108) — Ridgway, W
Time and room to be arranged DIS

HIST309E Proseminar in Historical Writing: Post World Was II Japan; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (RR 0121) — Mayo, M
Time and room to be arranged DIS

HIST309F Proseminar in Historical Writing: Modern European History; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (A 0108) — Matossian, M
Time and room to be arranged DIS

HIST309G Proseminar in Historical Writing: Oral History; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....7:00pm- 9:00pm (RR 0107) — Ross, M
Time and room to be arranged DIS

HIST309I Proseminar in Historical Writing: American Indian Policy; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....2:00pm- 4:00pm (SSB 1210) — Nicklason, F
Time and room to be arranged DIS

HIST309J Proseminar in Historical Writing: Early American History; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....2:00pm- 4:00pm (A 0108) — Bradbury, M
Time and room to be arranged DIS

HIST309K Proseminar in Historical Writing: Major Interpretation of U.S. History; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....2:00pm- 4:00pm (RR 1118) — Belz, H

HIST309L Proseminar in Historical Writing: Early Modern European History; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....3:00pm- 5:00pm (RR 0107) — Williams, W
Time and room to be arranged DIS

HIST312A Crisis and Change in the United States: The Changing Urban Scene; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (RR 0102) — Flack, J

HIST312B Crisis and Change in the United States: Dynamics of Federal Indian Policies; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 MWF.....10:00am-10:50am (RR 0126) — Nicklason, F

HIST316A Crisis and Change in Latin America: Slavery and Race Relations in Latin America; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (RR 0121) — Wright, W

HIST319A Special Topics in History: Jews in their Homeland Until 640 CE; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 2:00pm (RR 1118) — Goodblatt, D

HIST319B Special Topics in History: Egypt: A History; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (RR 0116) — Stowasser, K

HIST319C Special Topics in History: Culture and Religion in England; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (RR 0103) — Breslow, M

HIST319D Special Topics in History: World War II in the Pacific and Asia; Grade Method: REG/P-F/AUD; Multi-media survey of the history of World War II in the Pacific and Asia. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (RR 1117) — Mayo, M

HIST324 Classical Greece; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (RR 0103) — Eckstein, A

HIST326 The Roman Republic; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (RR 0116) — STAFF

HIST330 Medieval Civilization I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (RR 0121) — Spiegel, G

HIST332 Europe During the Renaissance and Reformation I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (RR 0116) — Weissman, R

HIST334 The Age of Absolutism, 1648-1748; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (RR 0107) — Williams, W

HIST340 Eastern Europe Under Communism; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (RR 0103) — Lampe, J

HIST344 The Russian Revolutions of 1917; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (RR 0103) — Foust, C

HIST346 Social and Cultural History of Europe; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (RR 0121) — Matossian, M

HIST351 Social History of Washington, D.C.; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (RR 1117) — Flack, J

HIST360 American Colonial History; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (RR 1117) — Olson, A

HIST362 The Formative Period in America, 1789-1824; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (RR 0124) — Ridgway, W

HIST365 The Progressive Period: the United States, 1896-1919; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (RR 0124) — Harlan, L

HIST375 Modern Jewish History II: World Jewry Since 1870; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....3:30pm- 5:30pm (RR 0119) — Schwarz, S
Time and room to be arranged DIS

HIST390 Middle East I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (RR 0126) — Stowasser, K

HIST392 History of the Contemporary Middle East; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (RR 0119) — Zilfi, M

HIST395 Honors Colloquium I; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....3:00pm- 5:00pm (RR 3123) — Friedel, R
Time and room to be arranged DIS

HIST398 Honors Thesis; Grade Method: REG/P-F/AUD; See Director of History Honors program during first week of classes. — 3 credits
0101 Time and room to be arranged — Olson, A

HIST400 (PermReq) Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HIST404 History of Modern Biology; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (RR 0124) — Darden, L

HIST407 History of Technology; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; USP Advanced Studies Area has been changed since the first edition of the Fall 1986 Schedule of Classes has been printed. — 3 credits
0101 TuTh.....9:30am-10:45am (RR 0124) — Friedel, R

HIST414 History of European Ideas I; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....1:00pm- 3:00pm (RR 2119) — Haber, F
Time and room to be arranged DIS

HIST419A Special Topics in History: Epidemics and Social Change in Europe; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (RR 1118) — Matossian, M

HIST419B Special Topics in History: Readings in Middle East History; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....2:00pm- 4:00pm (RR 1118) — Zilfi, M
Time and room to be arranged DIS

HIST419C Special Topics in History: Colonial Africa; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (RR 1118) — Perinbam, B

HIST419D Special Topics in History: Historic Preservation in the Local Area; Grade Method: REG/P-F/AUD; — 3 credits
0401 W.....1:00pm- 3:00pm (Q 2140) — Flack, J
Time and room to be arranged DIS

HIST419E Special Topics in History: African Economic History; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....2:00pm- 4:00pm (RR 1118) — Perinbam, B
Time and room to be arranged DIS

HIST422 Byzantine Empire I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (RR 1118) — Majeska, G

HIST424 History of Russia to 1801; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (RR 0124) — Yaney, G

HIST430 Tudor England; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (RR 0116) — Breslow, M

HIST437 Modern France from Napoleon to DeGaulle; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (RR 0121) — Sutherland, D

HIST440 Germany in the Nineteenth Century, 1815-1914; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (RR 0103) — Harris, J

HIST444 Nineteenth Century European Diplomatic History; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (RR 0126) — Kent, G

HIST452 Diplomatic History of the United States to 1898; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....11:00am-11:50am (RR 0124) — Cole, W
F.....11:00am-11:50am (RR 2119) DIS

HIST454 Constitutional History of the United States; From Colonial Origins to 1860; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (RR 0103) — Belz, H

HIST462 The Civil War; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (RR 1117) — Smith, E

HIST463 History of the Old South; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (RR 0126) — Callcott, G

HIST465 History of the American Frontier: the Trans-Allegheny West; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (RR 0117) — Farrell, R

HIST470 Diplomatic History of Latin America; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (RR 1118) — Wright, W

HIST474 History of Mexico and Central America I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (RR 0126) — Warren, J

HIST480 History of Traditional China; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (RR 0124) — Folsom, K

HIST482 History of Japan to 1800; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (RR 0119) — Mayo, M

HIST600 Historiography; Grade Method: REG/AUD; — 3 credits
0101 W.....3:00pm- 5:00pm (RR 2119) — Haber, F
Time and room to be arranged DIS

HIST602 General Seminar: American Histo y; Grade Method: REG/AUD; — 3 credits
0101 M.....5:00pm- 7:00pm (RR 2119) — Hoffman, R
Time and room to be arranged DIS

HIST603 General Seminar: European History; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (RR 1118) — Gullickson, G
Time and room to be arranged DIS

HIST605 The Teaching of History in Institutions of Higher Learning; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Farrell, R

HIST619A Special Topics in History: Greek Historical Writings: Herodotus to Thucydides; Grade Method: REG/AUD; — 1-3 credits
0101 M.....4:00pm- 6:00pm (RR 0107) — Eckstein, A
Time and room to be arranged DIS

HIST619B (PermReq) Special Topics in History: Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HIST619C Special Topics in History: Readings in Modern European Social History; Grade Method: REG/AUD; — 1-3 credits
0301 W.....5:00pm- 7:00pm (RR 1118) — Sutherland, D
Time and room to be arranged DIS

HIST619D Special Topics in History: Readings in Modern Military History; Grade Method: REG/AUD; — 1-3 credits
0401 M.....5:00pm- 7:00pm (RR 1118) — Sumida, J
Time and room to be arranged DIS

HIST619G (PermReq) Special Topics in History: Oral History; Grade Method: REG/AUD; — 1-3 credits
0101 Tu.....7:00pm- 9:00pm (RR 0107) — Ross, M
Time and room to be arranged DIS

HIST628 Readings in Colonial American History; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (RR 1118) — Olson, A
Time and room to be arranged DIS

HIST639 Readings in Reconstruction and the New Nation; Grade Method: REG/AUD; — 3 credits
0101 Tu.....6:00pm- 8:00pm (RR 2119) — Berlin, I
Time and room to be arranged LAB

HIST648 Readings in Recent American History: The Civil Rights Movement; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (RR 2119) — Harlan, L
Time and room to be arranged DIS

HIST669 Readings in the Economic History of the United States; Grade Method: REG/AUD; — 3 credits
0101 Th.....6:00pm- 8:00pm (RR 2119) — McCusker, J
Time and room to be arranged DIS

HIST679 Readings in the History of American Foreign Policy; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:00pm (RR 2119) — Cole, W
Time and room to be arranged DIS

HIST689 Readings in Southern History; Grade Method: REG/AUD; — 3 credits
0101 M.....3:00pm- 5:00pm (RR 2119) — Callcott, G
Time and room to be arranged DIS

HIST729 Readings in Modern European History; Grade Method: REG/AUD; — 3 credits
0101 W.....5:00pm- 7:00pm (RR 0107) — Harris, J
Time and room to be arranged DIS

HIST759 Readings in Russian History; Grade Method: REG/AUD; — 3 credits
0101 W.....5:00pm- 7:00pm (RR 2119) — Foust, C
Time and room to be arranged DIS

HIST799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HIST809 Seminar in the History of Women; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (RR 2119) — Gullickson, G
Time and room to be arranged DIS

HIST829 Seminar in Latin American History; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (A 0108) — Wright, W
Time and room to be arranged DIS

HIST856 Seminar in Modern European Diplomatic History; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:00pm- 5:00pm (RR 0107) — Kent, G
Time and room to be arranged DIS

HIST857 Seminar in the Social and Cultural History of Europe; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (RR 2119) — Gullickson, G
Time and room to be arranged DIS

HIST861 Seminar in English Law and Government, 1550-1760; Grade Method: REG/AUD; — 3 credits
0101 W.....4:00pm- 6:00pm (RR 0119) — Cockburn, J
Time and room to be arranged DIS

HIST892 Seminar in American Social History; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (RR 2116A) — Henretta, J
Time and room to be arranged DIS

HIST898 Seminar in Recent American History; Grade Method: REG/AUD; — 3 credits
0101 W.....3:00pm- 5:00pm (RR 0107) — Gilbert, J
Time and room to be arranged DIS

HIST899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

HLTH Health — (Phys Ed, Recr, & Health)

HLTH105 Science and Theory of Health; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....10:00am-10:50am (PRH 1303) — Thomas, S

HLTH106 Drug Use and Abuse; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (PRH 1312) — Thomas, S

HLTH140 Personal and Community Health; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (PRH 0308) — Dotson Jr., J
0201 TuTh.....12:30pm- 1:45pm (PRH 0308) — Miller, C
0301 Th.....7:00pm- 9:40pm (PRH 0308) — Hale, J
0401 MWF.....10:00am-10:50am (PRH 0308) — McKay, R
0501 MWF.....11:00am-11:50am (PRH 0308) — Dotson Jr., J

HLTH150 First Aid and Emergency Medical Services; Grade Method: REG/P-F/AUD; — 2 credits
0101 M.....8:00am- 9:40am (PRH 0302) — Ramsey, S
0201 W.....8:00am- 9:40am (PRH 0302) — Ramsey, S
0301 MW.....10:00am-10:50am (PRH 0302) — STAFF
0401 TuTh.....8:00am- 8:50am (PRH 0302) — STAFF
0501 TuTh.....9:00am- 9:50am (PRH 0302) — Dixon, M
0601 TuTh.....10:00am-10:50am (PRH 0302) — STAFF
0701 MW.....11:00am-11:50am (PRH 0302) — STAFF

HLTH230 Introduction to Health Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 MWF.....1:00pm- 1:50pm (PRH 0303) — Dotson Jr., J

HLTH270 Safety Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (GG 0113) — Baker, E
0201 TuTh.....11:00am-12:15pm (GG 0113) — Dixon, M
0301 MWF.....12:00pm-12:50pm (GG 0113) — Baker, E

HLTH285 Controlling Stress and Tension; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 MW.....2:00pm- 3:15pm (PRH 1312) — Schiraldi, G
0201 MW.....11:00am-12:15pm (PRH 1312) — Schiraldi, G
0301 TuTh.....12:30pm- 1:45pm (PRH 1312) — Allen, R
0401 Tu.....4:15pm- 6:45pm (PRH 1312) — Allen, R
0501 TuTh.....8:00am- 9:15am (PRH 1312) — Leischow, S
0601 W.....4:15pm- 6:45pm (PRH 1312) — Ramsey, S
0701 TuTh.....2:00pm- 3:15pm (PRH 0308) — Greenberg, J

HLTH340 (PermReq) Curriculum, Instruction and Observation; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....12:00pm- 2:00pm (PRH 0302) — Miller, C
Time and room to be arranged LAB

HLTH370 Behavioral Factors in Accident Causation and Prevention; Grade Method: REG; — 3 credits
0101 MWF.....10:00am-10:50am (GG 0113) — Beck, K
0201 MWF.....11:00am-11:50am (GG 0113) — Beck, K

HLTH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

HLTH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

HLTH390 Organization and Administration of School Health Programs; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (PRH 0307) — STAFF

HLTH450 Health of Children and Youth; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 0308) — Miller, C
0201 M.....3:00pm- 5:30pm (PRH 0302) — Miller, C

HLTH465 Safety Program Evaluation; Grade Method: REG; — 3 credits
0101 MWF.....2:00pm- 2:50pm (GG 0113) — deck, K

HLTH471 Women's Health; Grade Method: REG/P-F/AUD; For junior and senior women. Others must have permission of instructor. — 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 1312) — Bridwell, M

HLTH476 Death Education; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (PRH 1312) — Leviton, D

HLTH477 Human Sexuality; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....4:15pm- 6:45pm (PRH 1312) — Jakob, D
0201 W.....7:00pm- 9:30pm (ZP 1240) — Jakob, D
0301 Th.....4:15pm- 6:45pm (PRH 1312) — Jakob, D

HLTH489 (PermReq) Field Laboratory Projects and Workshop; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HLTH498A Special Topics in Health: Weight Control Practicum; Grade Method: REG/P-F/AUD; (Limited to students who are at least 10lbs overweight) — 3 credits
0101 TuTh.....2:00pm- 3:15pm (PRH 0307) — Mann, P

HLTH498B Special Topics in Health: Health Related Issues in Eating and Fitness; Grade Method: REG/P-F/AUD; Co-instructor: Sheila A. Ramsey. — 3 credits
0101 TuTh.....9:30am-10:45am (PRH 0308) — Mann, P

HLTH498C (PermReq) Special Topics in Health: Principles and Methods of Community Health Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 MF.....1:00pm- 1:50pm (PRH 0308) — McKay, R
W.....1:00pm- 4:00pm (PRH 0308) LAB

HLTH498F Special Topics in Health: Alcohol: Trends and Problems; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (GG 0113) — Clearwater, H

HLTH498L Special Topics in Health: Health Care and the Family; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....2:00pm- 4:30pm (SSB 1222) — Williams, M

HLTH498S Special Topics in Health: Human Potentials; Grade Method: REG/P-F/AUD; Prerequisite: HLTH 285. — 3 credits
0101 M.....4:15pm- 6:45pm (PRH 1242A) — Allen, R

HLTH498T Special Topics in Health: Ways of Knowing About Human Stress and Tension; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: HLTH 285. Student must present department with unofficial transcript showing proof of taking HLTH 285. — 3 credits
0101 M.....7:00pm-10:00pm (PRH 0308) — Schiraldi, G

HLTH600 (PermReq) Seminar in Health; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1 credit

HLTH650 Health Problems in Guidance; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:40pm (PRH 0307) — Everly, G

HLTH688 (PermReq) Special Problems in Health Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HLTH688T (PermReq) Special Problems in Health Education: Stress and Stress Control; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 1312) — Allen, R

HLTH730 Problems in Weight Control; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 0302 — Mann, P

HLTH760 Public Health; Grade Method: REG; — 3 credits
0101 W.....7:00pm- 9:40pm (PRH 0308) — Gold, R

HLTH775 Health Education Program Planning and Evaluation; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 6:45pm (PRH 0308) — Hollander, R

HLTH780 Applied Principles of Health Education; Grade Method: REG; — 3 credits
0101 Tu.....7:00pm- 9:40pm (PRH 0308) — Greenberg, J

HLTH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HLTH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

HONR Honors (Undergraduate Studies)

All HONR courses are open to students enrolled in General Honors and/or departmental honors programs and to others by permission of the Director of General Honors. Detailed descriptions of General Honors seminars can be found in the course description brochure available in the Honors Office, 0110 Hornbake Library, X2532. All Honors courses require approval prior to registration.

HONR110A (PermReq) Freshman Honors Colloquium: Cultural and Historical: Ways of Seeing; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 W.....12:00pm- 2:30pm (ULB 0108) DIS — Howarth, J

HONR110B (PermReq) Freshman Honors Colloquium: Cultural and Historical: Contemporary American & Non-American Ways of Life: An Ethnographic Approach; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 Th.....2:00pm- 4:30pm (ULB 0123) DIS — Tobin, M

HONR120A (PermReq) Freshman Honors Colloquium: Natural Sciences and Mathematics: The Impact of Sharks on Humans; Grade Method: REG; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits
0101 W.....1:00pm- 4:00pm (ULB 0123) DIS — Clark, E

HONR130A (PermReq) Freshman Honors Colloquium: Literature and the Arts: Mysteries; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 Tu.....12:30pm- 3:00pm (ULB 0108) DIS — Retallack, J

HONR130B (PermReq) Freshman Honors Colloquium: Literature and the Arts: Contemporary Poetry & Its Heritage; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 Th.....9:30am-12:00pm (ULB 0108) DIS — Plumly, S

HONR130C (PermReq) Freshman Honors Colloquium: Literature and the Arts: A Literary Exploration of Latin American History; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 M.....2:00pm- 4:30pm (ULB 0123) DIS — Kristal, E

HONR140A (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: In the Early World; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 Tu.....9:30am-12:00pm (ULB 0108) DIS — Gabelnick, F

HONR140C (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: The Educated Person: From Present to Past; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 W.....7:00pm- 9:30pm (ULB 0123) DIS — Splaine, P

HONR318A (PermReq) Honors Seminar: Cultural and Historical Vietnam: America's Longest War; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 Tu.....6:00pm- 9:00pm (ULB 0123) DIS — Straw, P

HONR318B (PermReq) Honors Seminar: Cultural and Historical: The Symbolic Environment of War; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 Th.....3:00pm- 5:30pm (ULB 0108) DIS — Azar, E

HONR328A (PermReq) Honors Seminar: Natural Sciences and Mathematics: Particles and the Universe: The Link Between the Microscopic and the Macroscopic Worlds; Grade Method: REG; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Dr. Pati is a 1986/87 Distinguished Scholar/Teacher. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (Z 4102) — Pati, J

HONR338A (PermReq) Honors Seminar: Literature and the Arts: Growing Up to Write: Autobiographies & Autobiographical Fiction by Francophone Women & Men Writers; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 Th.....9:30am-12:00pm (ULB 0123) DIS — Hage, M

HONR338B (PermReq) Honors Seminar: Literature and the Arts: Philosophy of Humor; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 Tu.....3:30pm- 6:00pm (ULB 0108) DIS — Levinson, J

HONR348X (PermReq) Honors Seminar: Social and Behavioral Sciences: The World as a Stage; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Restricted to students who are members of the Honors Learning Community. HLC students must also register for RTVF 124, GEOL 120 and THET 310. — 3 credits
0101 W.....3:00pm- 6:00pm (ULB 0108) DIS — STAFF

HONR368A (PermReq) Honors Seminar: Development of Knowledge: Britain in the Age of Revolution; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 Tu.....9:30am-12:00pm (ULB 0123) DIS — Carretta, V

HONR368B (PermReq) Honors Seminar: Development of Knowledge: Animal Intelligence; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 W.....9:00am-12:00pm (ULB 0123) DIS — Hodos, W

HONR368C (PermReq) Honors Seminar: Development of Knowledge: Dreams and Film: An Exploration of the Mind's Images; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 Th.....6:30pm- 9:30pm (ULB 0108) DIS — Cinque, A

HONR368D (PermReq) Honors Seminar: Development of Knowledge: Science Fiction in American Culture; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (A 2110) DIS — Lounsbury, M

HONR370 (PermReq) Honors Thesis or Project; Grade Method: S-F; Available only to General Honors students. — 3-6 credits
0101 Time and room to be arranged — Levitan, H

HONR378A (PermReq) Honors Seminar: Analysis of Human Problems: Medical Technology and Social Choice; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 Tu.....6:00pm- 9:00pm (ULB 0108) DIS — Holohan, T

HONR379 (PermReq) Honors Independent Study; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Available only to General Honors students. — 1-6 credits

HONR379A (PermReq) Honors Independent Study: Writing Workshop; Grade Method: S-F; Students may register for more than 3 credits with permission of instructor. Writing workshops may be repeated, for a total of 6 credits, with permission of the instructor. — 3-6 credits
0101 M.....2:00pm- 5:00pm (ULB 0108) DIS — Retallack, J
0201 M.....6:00pm- 9:00pm (ULB 0108) DIS — Retallack, J

HONR386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HONR 387. — 1-3 credits

HONR387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HONR 386. — 1-3 credits

---

HORT Horticulture (Agriculture)

HORT100 Introduction to Horticulture; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits
0101 MWF.....11:00am-11:50am (0 0200) — Lasota, L

HORT160 Introduction to the Art of Landscaping; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (AR 0126) — Pitt, D

HORT271 Plant Propagation; Grade Method: REG/P-F/AUD; Prerequisite: BOTN 101 — 3 credits
0101 TuTh.....11:00am-12:15pm (E 2242) — Gouin, F

HORT361 Principles of Landscape Design; Grade Method: REG/P-F/AUD; Prerequisite: HORT 160 and HORT 260. — 3 credits
0101 Th.....1:00pm- 3:00pm (F 2106) LAB — STAFF
Tu.....1:00pm- 4:00pm (F 2106) LAB

HORT398 Seminar; Grade Method: REG/P-F/AUD; Prerequisite: senior standing. Horticulture majors only. — 1 credit
0101 W.....4:00pm- 4:50pm (F 0128B) — Hershey, D

HORT399 (PermReq) Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2 credits

HORT453 Woody Plant Materials; Grade Method: REG/P-F/AUD; Prerequisite: BOTN 212. — 3 credits
0101 MF.....1:00pm- 1:50pm (0 0200) — Lasota, L
W.....1:00pm- 4:00pm (F 0128B) LAB
0102 MF.....1:00pm- 1:50pm (0 0200) — Lasota, L
Th.....1:00pm- 4:00pm (F 0128B) LAB

HORT457 Ornamental Horticulture; Grade Method: REG/P-F/AUD; For agricultural and horticultural education majors only. Course meets in Harrison Lab Greenhouse. — 1 credit
0101 MW.....1:00pm- 3:00pm (Arranged) — STAFF

HORT474 Physiology of Maturation and Storage of Horticultural Crops; Grade Method: REG/P-F/AUD; Prerequisite: BOTN 441 — 2 credits
0101 MW.....10:00am-10:50am (F 1101) — Solomos, T

HORT489O Special Topics in Horticulture: Environmental Factors and Horticultural Crop Production; Grade Method: REG/P-F/AUD; Prerequisite: BOTN 101 — 3 credits
0101 TuTh.....12:30pm- 1:45pm (F 1102) — Stutte, G
Tu.....2:00pm- 4:00pm (HAR 1105)
0102 TuTh.... 12:30pm- 1:45pm (F 1102) — McClurg, C
Th.....2:00pm- 4:00pm (HAR 1105)

HORT489P Special Topics in Horticulture: Landscape Construction; Grade Method: REG/P-F/AUD; Prerequisite: HORT 361. — 3 credits
0101 M.....4:00pm- 4:50pm (F 2106) — STAFF
MW.....2:00pm- 4:00pm (F 2106) LAB

HORT489Q Special Topics in Horticulture: Planting Design; Grade Method: REG/P-F/AUD; Prerequisites: HORT 361 and either HORT 453 or HORT 454. — 3 credits
0101 M.....9:00am- 9:50am (F 2106) — Gould Jr., W
MW.....10:00am-12:00pm (F 2106) LAB

HORT689G (PermReq) Special Topics in Horticulture: Advanced Postharvest Physiology; Grade Method: REG/AUD; — 3 credits
0101 MW.....1:00pm- 2:15pm (F 1101) — Solomos, T

HORT699 (PermReq) Special Problems in Horticulture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HORT798 Advanced Seminar; Grade Method: REG/AUD; — 1 credit
0101 Th.....4:00pm- 4:50pm (F 0128B) — Quebedeaux, B

HORT799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HORT899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

HSAD Housing and Design (Arts and Humanities)

HSAD240 Design and Furnishings in the Home; Grade Method: REG/P-F/AUD; Not for interior design majors. — 3 credits
0101 TuTh.....9:30am-10:45am (AR 0116) — Heid, L

HSAD246 Materials of Interior Design; Grade Method: REG/P-F/AUD; Offered fall only. Interior design majors only. — 3 credits
0101 MWF.....9:00am- 9:50am (H 1304) — STAFF

HSAD340 Period Homes and Their Furnishings; Grade Method: REG/P-F/AUD; Offered fall only. Prerequisites: APDS 101A, HSAD 246. — 3 credits
0101 MW.....4:00pm- 5:15pm (H 1400) — Odland, S

HSAD342 Space Development; Grade Method: REG/P-F/AUD; Interior design majors only. Prerequisites: APDS 101A, 102, 103, EDIT 160. — 3 credits
0101 TuTh.....2:00pm- 4:30pm (H 1108) LAB — Francescato, G

HSAD343 Interior Design I; Grade Method: REG/P-F/AUD; Prerequisites: APDS 101A, EDIT160, APDS 210, HSAD340, and HSAD342. Interior design majors only. — 3 credits
0101 MW.....10:30am- 1:00pm (H 1108) LAB — Odland, S

HSAD344 Interior Design II; Grade Method: REG/P-F/AUD; Prerequisite: HSAD 343. Interior design majors only. — 3 credits
0101 TuTh.....11:00am- 1:30pm (H 1108) LAB — STAFF

HSAD345 Professional Aspects of Interior Design; Grade Method: REG/P-F/AUD; Fall only. Interior design majors only. — 3 credits
0101 F.....1:00pm- 3:30pm (H 0108) — Odland, S

HSAD386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HSAD 387. Portfolio review and written consent of instructor required. — 1-3 credits

HSAD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HSAD 386. Portfolio review and written consent of instructor required. — 1-3 credits

HSAD440 Interior Design III; Grade Method: REG/P-F/AUD; Meets the first 8 weeks. Students must be concurrently enrolled in HSAD 441. Prerequisite: HSAD344. Interior design majors only. — 4 credits
0101 MWF.....1:00pm- 5:00pm (H 1108) LAB — Kjaer, B

HSAD441 Interior Design IV; Grade Method: REG/P-F/AUD; Meets second 8-weeks. Scheduled only for students registered concurrently in HSAD 440. Prerequisites: HSAD344. Interior design majors only. — 4 credits
0101 MWF.....1:00pm- 5:00pm (H 1108) — Kjaer, B

HSAD460 Housing Costs and Financing; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (H 1304) — Chen, A

HSAD488A (PermReq) Selected Topics in Housing and Interior Design: CADD (Computer Aided Design and Drafting) Interior Design Applications; Grade Method: REG/P-F/AUD; Pre-requisite: HSAD 342. Interior design majors only. — 3 credits
0101 M.....2:00pm- 5:00pm (H 1413A) — Eckersley, M
W.....2:00pm- 3:40pm (H 1413A)
TBA (H 1413A) LAB

HSAD488B (PermReq) Selected Topics in Housing and Interior Design: Interior Design Emphasis; Grade Method: REG/P-F/AUD; — 1-6 credits
0101 Time and room to be arranged — Odland, S
0201 Time and room to be arranged — STAFF
0301 Time and room to be arranged — Kjaer, B
0401 Time and room to be arranged — Chen, A

HSAD488C (PermReq) Selected Topics in Housing and Interior Design: Introduction to Computer Graphics Programming; Grade Method: REG/P-F/AUD; Sophomore standing required. Advertising design and interior design majors only. — 3 credits
0101 Tu.....11:00am-12:50pm (H 1413A) — Chen, A
Th.....9:30am-12:30pm (H 1413A) LAB

HSAD488G Selected Topics in Housing and Interior Design: Computer Graphics Program; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....3:00pm- 4:50pm (H 1413A) — Gips, C
Tu.....2:00pm- 5:00pm (H 1413A) LAB

HSAD488V Selected Topics in Housing and Interior Design: Urban and Metropolitan Budgeting, Programming and Administration; Grade Method: REG/P-F/AUD; — 1-6 credits
0101 TuTh.....11:00am-12:15pm (SSB 1220) — Marando, V

HSAD499A (PermReq) Individual Study in Housing And/or Interior Design; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

HSAD499B (PermReq) Individual Study in Housing And/or Interior Design; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

IADM Institution Administration (Human Ecology)

IADM300 Foodservice Organization and Management; Grade Method: REG/P-F/AUD; Offered fall semesters only. 3 credits
0101 TuTh.....2:00pm- 3:15pm (AR 0112) Noble, J

IADM340 Foodservice Systems Management in the Community; Grade Method: REG/P-F/AUD; 4 credits
0101 MF.....10:00am-10:50am (H 3112) STAFF
W.....7:00am- 1:00pm (H 3112) LAB

IADM350 (PermReq) Foodservice Operations I; Grade Method: REG/P-F/AUD; Prerequisites or co-requisites: IADM 300, MICB 200; prerequisites: FOOD 240,250. 4 credits
0101 MF.....10:00am-10:50am (H 3418) Noble, J
Tu.....8:00am- 1:00pm (H 3108) LAB
0102 MF.....10:00am-10:50am (H 3418) Noble, J
Th.....8:00am- 1:00pm (H 3108) LAB

IADM450 Foodservice Equipment and Planning; Grade Method: REG/P-F/AUD; 3 credits
0101 MF.....1:00pm- 1:50pm (H 3112) Norton, V
W.....1:00pm- 4:00pm (H 3112) LAB

IADM455 Manpower Planning in the Foodservice Industry; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (H 3418) Norton, V

IADM480 (PermReq) Practicum in Institution Administration; Grade Method: S-F; 3 credits
0101 F.....2:00pm- 5:00pm (H 3418) Noble, J

IADM490 (PermReq) Special Problems in Foodservice; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-3 credits

IADM615 Education and Training Methodologies for the Health Care; Grade Method: REG/AUD; Permission of instructor required. 3 credits
0101 M.....6:00pm- 8:45pm (H 3112) Norton, V

IADM660 Research Methods; Grade Method: REG/AUD; 3 credits
0101 Th.....6:00pm- 8:45pm (H 3418) Prather, M

IADM678A (PermReq) Special Topics in Institutional Food: Individual Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

IADM688 Seminar; Grade Method: REG/AUD; 1 credit
0101 Th.....4:00pm- 4:50pm (H 3418) Curtis, S

IADM789 Non-Thesis Research; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. See instructor or dept. for section number. 1-3 credits

IADM799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

IADM888 (PermReq) Doctoral Seminar; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Read, M

IADM899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

ITAL Italian (Arts and Humanities)

A booklet fully describing the courses to be offered is available in the office of the department of French and Italian, room 3106 of the Juan Ramon Jimenez building.

ITAL101 Elementary Italian I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWF.....9:00am- 9:50am (LL 2123) STAFF
Tu.....9:00am- 9:50am (LL 2122)
0201 MTuWF.....10:00am-10:50am (LL 0122) STAFF
0301 MTuWF.....11:00am-11:50am (LL 0122) STAFF
0401 MTuWF.....12:00pm-12:50pm (LL 0122) STAFF
0501 MWF.....1:00pm- 1:50pm (LL 2123) STAFF
Tu.....1:00pm- 1:50pm (LL 2122)

ITAL102 Elementary Italian II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Open only to those who have completed ITAL 101 or by permission of instructor. 4 credits
0101 MWThF.....9:00am- 9:50am (LL 1125) STAFF
0201 MWThF.....11:00am-11:50am (LL 1123) STAFF

ITAL121 Accelerated Italian I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (LL 2102) Russell, C

ITAL121H Accelerated Italian I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Honors. 3 credits
0101 MWF.....10:00am-10:50am (LL 2102) Russell, C

ITAL203 Intermediate Italian; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWThF.....10:00am-10:50am (LL 1125) STAFF
0201 MWThF.....12:00pm-12:50pm (LL 1123) STAFF

ITAL204 Review Grammar and Composition; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (LL 2123) STAFF

ITAL251 Introduction to Italian Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....11:00am-11:50am (LL 2125) Russell, C

ITAL351 Italian Literature From Dante to the Renaissance; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; In Italian 3 credits
0101 MWF.....9:00am- 9:50am (LL 0202) Russell, C

ITAL376 The Italian Opera Libretto; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; No prerequisites. In English. No knowledge of Italian required. 3 credits
0101 MWF.....10:00am-10:50am (LL 2125) Russell, C

ITAL399 (PermReq) Directed Study in Italian; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor. 1-3 credits

ITAL475 Italian Cinema: A Cultural Approach; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....2:00pm- 4:00pm (LL 0220) Falvo, J
W.....2:00pm- 4:00pm (LL 2102)

ITAL498 Special Topics in Italian Literature: The Italian Opera Libretto; Grade Method: REG/P-F/AUD; In Italian. See Dr. Russell for details. 3 credits
0101 MWF.....10:00am-10:50am (LL 2102) Russell, C
Time and room to be arranged DIS

ITAL499I Special Topics in Italian Studies: The Italian Cinema in Italian; Grade Method: REG/P-F/AUD; See instructor for details. 3 credits
0101 M.....2:00pm- 4:00pm (LL 0220) Falvo, J
W.....2:00pm- 4:00pm (LL 2102)
Time and room to be arranged DIS

IVSP Individual Studies Program (Undergraduate Studies)

IVSP318 (PermReq) Individual Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-15 credits

IVSP319 (PermReq) Tutorial Report; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. 1 credit

IVSP320 (PermReq) Bachelor's Report; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

JAPN Japanese (Arts and Humanities)

JAPN101 Elementary Japanese I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 6 credits
0101 MWF.....9:00am-11:00am (AR 0119) Ramsey, S
MWF.....9:00am-11:00am (AR 0120) DIS
0201 MWF.....9:00am-11:00am (AR 0116) STAFF
MWF.....9:00am-11:00am (AR 0105) DIS
0301 MWF.....11:00am- 1:00pm (AR 0119) STAFF

JAPN201 Intermediate Spoken Japanese I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....9:00am- 9:50am (LL 1104) Kerkham, H

JAPN202 Intermediate Written Japanese I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (LL 0120) Kerkham, H

JAPN301 Advanced Japanese I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (LL 1124) Ramsey, S

JAPN303 Business Japanese I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (LL 1124) Yaginuma, K

JAPN401 Readings in Modern Japanese I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (LL 1125) Yaginuma, K

JAPN403 Readings in Classical Japanese; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (LL 0120) Kerkham, H

JAPN414 Masterpieces of Classical Japanese Literature in Translation; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....12:00pm- 1:00pm (LL 1109) Rimer, T
M.....12:00pm- 2:00pm (LL 1109)

JAPN499 (PermReq) Directed Study in Japanese; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

JOUR Journalism (Journalism)

JOUR001 Professional Orientation; Grade Method: S-F; Corequisite or Prerequisite: JOUR 201. Required for all majors. 1 credit
0101 Th.....4:30pm- 5:30pm (ARC 0204) Kay, L

JOUR002 Professional Practicum; Grade Method: S-F; Prerequisite: JOUR 396 and permission of instructor. 1 credit
0101 TBA (G 2114) Kay, L

JOUR100 Introduction to Mass Communication; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not required for majors; not counted toward JOUR requirements. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARC 0204) Hiebert, R

JOUR201 Writing For Mass Media; Grade Method: REG; Prerequisites: Provisional admission to major and 30 wpm typing ability; a 5 minute typing test is required prior to registration. It will be given Sept. 5 and Sept. 12, 2-4pm, G 3103. A proficiency test for applicability of JOUR 201 credit taken at another institution will be given Sept. 5, 2-4pm., in G 3102. Register for the proficiency test in G 2109. Students must demonstrate competence in language skills to pass Jour 201. Satisfactory performance on a test of language skills (TLS) or Test of Standard Written English (TSWE) is required. Students are advised to take the test of language skills prior to enrolling. Check with the department for testing dates and times. Note: students enrolling in JOUR 201 must concurrently enroll for JOUR 001. Majors only. 3 credits
0101 Tu.....8:00am-10:00am (G 3103) Tozier, C
Th.....8:00am-10:00am (G 3103) LAB
0201 M.....2:00pm- 4:00pm (G 3103) Gottlieb, A
W.....2:00pm- 4:00pm (G 3103) LAB
0301 Tu.....10:00am-12:00pm (G 3102) Tozier, C
Th.....10:00am-12:00pm (G 3102) LAB
0401 Tu.....12:00pm- 2:00pm (G 3103) Beasley, M
Th.....12:00pm- 2:00pm (G 3103) LAB
0501 M.....4:00pm- 6:00pm (G 3103) Gottlieb, A
W.....4:00pm- 6:00pm (G 3103) LAB
0601 M.....8:00am-10:00am (G 3102) STAFF
W.....8:00am-10:00am (G 3102) LAB
0701 Tu.....7:00pm- 9:00pm (G 3103) Doherty, R
Th.....7:00pm- 9:00pm (G 3103) LAB
0901 Tu.....10:00am-12:00pm (G 3103) Taylor, W
Th.....10:00am-12:00pm (G 3103) LAB

JOUR202 Editing For the Mass Media; Grade Method: REG; Prerequisite: JOUR 201. Must have at least 28 credits earned. Majors only. 3 credits
0101 M.....8:00am-10:00am (G 1117) STAFF
W.....8:00am-10:00am (G 1117) LAB
0201 Tu.....12:00pm- 2:00pm (G 1117) Felder, S
Th.....12:00pm- 2:00pm (G 1117) LAB
0301 Tu.....2:00pm- 4:00pm (G 1117) Smith, M
Th.....2:00pm- 4:00pm (G 1117) LAB
0401 M.....2:00pm- 4:00pm (G 1117) STAFF
W.....2:00pm- 4:00pm (G 1117) LAB
0501 Tu.....6:00pm- 8:00pm (G 1117) Barkin, S
Tu.....8:00pm-10:00pm (G 1117) LAB
0601 Tu.....8:00am-10:00am (G 1117) STAFF
Th.....8:00am-10:00am (G 1117) LAB
0701 M.....6:00pm- 8:00pm (G 1117) STAFF
W.....6:00pm- 8:00pm (G 1117) LAB
0801 M.....10:00am-12:00pm (G 1117) STAFF
W.....10:00am-12:00pm (G 1117) LAB
0901 Tu.....10:00am-12:00pm (G 1117) Smith, M
Th.....10:00am-12:00pm (G 1117) LAB

JOUR320 News Reporting; Grade Method: REG; Prerequisite: JOUR 202. Majors only. 3 credits
0101 Tu.....4:00pm- 6:00pm (G 3103) Beasley, M
Th.....4:00pm- 6:00pm (G 3103) LAB
0201 Tu.....2:00pm- 4:00pm (G 3102) Cleghorn, R
Th.....2:00pm- 4:00pm (G 3102) LAB
0301 Tu.....6:00pm- 8:00pm (G 3102) STAFF
Th.....6:00pm- 8:00pm (G 3102) LAB

JOUR321 Reporting of Public Affairs; Grade Method: REG; Prerequisite: JOUR320. Majors only. 3 credits
0101 M.....6:00pm- 9:00pm (G 3102) Allen, I

JOUR323 Newspaper Editing; Grade Method: REG; Prerequisite: JOUR 202 or permission of instructor only. Majors only. 3 credits
0101 W.....1:00pm- 3:00pm (G 3114) Stepp Jr., A
Time and room to be arranged LAB

JOUR330 Public Relations Theory; Grade Method: REG; Prerequisite: JOUR201. Open to Majors and BMGT 0515A (PRL) and BMGT 05090 (MKT) only. 3 credits
0101 TuTh.....11:00am-12:15pm (G 1104) Theus, K
0201 TuTh.....9:30am-10:45am (G 1104) Grunig, L

JOUR331 Public Relations Techniques; Grade Method: REG; Prerequisite: JOUR 202 and JOUR 330. Majors classified as 0602f only. 3 credits
0101 Tu.....8:00am-10:00am (G 3102) Kraft, E
Th.....8:00am-10:00am (G 3102) LAB
0201 Tu.....12:00pm- 2:00pm (G 3102) Kraft, E
Th.....12:00pm- 2:00pm (G 3102) LAB
0301 M.....2:00pm- 4:00pm (G 3111) Kelly, K
W.....2:00pm- 4:00pm (G 3111) LAB

JOUR333 Organizational Communication in Public Relations; Grade Method: REG; Prerequisite: JOUR 202. Majors only. 3 credits
0101 Tu.....6:00pm- 9:00pm (G 1104) Hiebert, R

JOUR340 Advertising Communication; Grade Method: REG; Prerequisite: JOUR 201. Open to Majors and BMGT 0515A (PRL) and BMGT 05090 (MKT) only. 3 credits
0101 MWF.....1:00pm- 1:50pm (G 1104) Zanot, E

JOUR341 Advertising Techniques; Grade Method: REG; Prerequisite: JOUR 202 and 340. Majors classified as 0602A only. 3 credits
0101 M.....4:00pm- 6:00pm (G 1117) Keenan, K
W.....4:00pm- 6:00pm (G 1117) LAB
0201 M.....12:00pm- 2:00pm (G 1117) Keenan, K
W.....12:00pm- 2:00pm (G 1117) LAB
0301 M.....10:00am-12:00pm (OO 3233) Zanot, E
F.....10:00am-12:00pm (G 1117) LAB

JOUR350 Photojournalism; Grade Method: REG; Prerequisite - JOUR 201. Student must provide a camera. Materials cost approx. $100. Majors only. 3 credits
0101 Tu.....10:00am-12:00pm (G 1105) Geraci, P
Th.....9:00am-11:00am (G 2116) LAB
0201 Tu.....10:00am-12:00pm (G 1105) Geraci, P
Th.....11:00am- 1:00pm (G 2116) LAB
0301 Tu.....10:00am-12:00pm (G 1105) Geraci, P
Th.....1:00pm- 3:00pm (G 2116) LAB

JOUR351 Advanced Photojournalism; Grade Method: REG; Prerequisite: JOUR 350 or JOUR 372. Student must provide camera; materials cost approx. $75. Majors only. 3 credits
0101 F.....10:00am-10:50am (G 2116) STAFF
F.....11:00am- 2:00pm (G 2116) LAB

JOUR360 Broadcast News I; Grade Method: REG; Prerequisite: JOUR 201. Additional 3 hours per week required at WMUC. Majors only. 3 credits
0101 M.....12:00pm- 2:00pm (G 3103) Barkin, S
W.....12:00pm- 2:00pm (G 3103) LAB
0201 M.....10:00am-12:00pm (G 3103) Levy, M
W.....10:00am-12:00pm (G 3103) LAB

JOUR361 Broadcast News II; Grade Method: REG; Prerequisite: JOUR360. Additional 3 hours per week required at Storer Cable T.V. Majors classified as 0602b only. 3 credits
0101 M.....12:00pm- 1:50pm (G 1105) Holman, B
M.....2:00pm- 4:00pm (G 1105) LAB

JOUR365 Theory of Broadcast Journalism; Grade Method: REG; Majors only. 3 credits
0101 TuTh.....9:30am-10:45am (G 1116) Holman, B

JOUR371 Magazine Article and Feature Writing; Grade Method: REG; Prerequisite: JOUR 320. Majors only. 3 credits
0101 M.....4:00pm- 6:00pm (G 3102) Paterson, J
W.....4:00pm- 6:00pm (G 3102) LAB
0201 M.....12:00pm- 2:00pm (G 3102) Franklin, J
W.....12:00pm- 2:00pm (G 3102) LAB
0301 F.....9:30am-11:30am (G 3103) Paterson, J
F.....12:30pm- 2:30pm (G 3111) LAB

JOUR372 Magazine Photography and Illustration; Grade Method: REG; Prerequisite: JOUR 201. Not open to students with credit in JOUR 350. Majors only. 3 credits
0101 M.....10:00am- 2:00pm (G 2116) Fries, J

JOUR373 Graphics; Grade Method: REG; Prerequisite: JOUR 202. Majors only. 3 credits
0101 Tu.....4:00pm- 6:00pm (G 3111) Felder, S
Th.....4:00pm- 6:00pm (G 3111) LAB
0201 Th.....6:00pm-10:00pm (G 1117) STAFF

JOUR380 Journalism For Science and Technology; Grade Method: REG; 3 credits
0101 MW.....3:00pm- 5:00pm (G 3114) Franklin, J

JOUR396 Supervised Internship; Grade Method: REG; Majors only. Student must have completed JOUR201 and first course in sequence. Ask in G 2114 for meeting time and place. 3 credits
0101 TBA (G 2114) Kay, L

JOUR398 (PermReq) Independent Study; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

JOUR400 Law of Mass Communication; Grade Method: REG; Must have at least 56 credits earned. 3 credits
0101 TuTh.....12:30pm- 1:45pm (H 1400) Greenfeld, A

JOUR430 Comparative Mass Communication Systems; Grade Method: REG; Must have at least 56 credits earned. 3 credits
0101 MW.....3:30pm- 4:45pm (G 1104) Martin, L

JOUR450 Mass Media in Society; Grade Method: REG; Must have at least 56 credits earned. 3 credits
0101 MW.....2:00pm- 3:15pm (G 1104) Gurevitch,'M

JOUR459D Special Topics in Mass Communication: Mass Media and Politics; Grade Method: REG; Must have at least 56 credits earned. 3 credits
0101 TuTh.....2:00pm- 3:30pm (G 1105) Blumler, J

JOUR459I Special Topics in Mass Communication: Literature of Foreign Correspondence; Grade Method: REG; 3 credits
0101 TuTh.....3:30pm- 4:45pm (G 1105) Paterson, J

JOUR459K Special Topics in Mass Communication: Legal Issues in Advertising and Public Relations; Grade Method: REG; Prerequisite: JOUR 400 or permission of instructor. Must have at least 56 credits earned. 3 credits
0101 MW.....11:00am-12:15pm (G 1104) Greenfeld, A

JOUR459L Special Topics in Mass Communication: Media Planning for Advertising; Grade Method: REG; 3 credits
0101 F.....9:00am-12:00pm (G 1105) Keenan, K

JOUR480 Mass Communication Research; Grade Method: REG; Prerequisite: MATH 110 or equivalent. Must have at least 56 credits earned. 3 credits
0101 F.....9:00am-12:00pm (G 1116) Smith, M
0201 MW.....2:00pm- 3:15pm (G 1116) Levy, M

JOUR487 Literary Journalism; Grade Method: REG; Prerequisite: JOUR 371 or permission of instructor. 3 credits
0101 Th.....6:30pm- 9:30pm (G 1104) Franklin, J

JOUR501 Writing and Editing Reviews; Grade Method: REG/AUD; 3 credits
0101 M.....10:00am-12:00pm (G 3102) Stepp Jr., A
W.....10:00am-12:00pm (G 3102) LAB

JOUR600 Research Methods in Mass Communication; Grade Method: REG/AUD; 3 credits
0101 Th.....10:00am- 1:00pm (G 3114) Levy, M

JOUR601 Theories of Mass Communication; Grade Method: REG/AUD; 3 credits
0101 M.....6:00pm- 9:00pm (LL 2125) Barkin, S

JOUR620 Seminar in Public Affairs Reporting; Grade Method: REG/AUD; 3 credits
0101 Tu.....9:00am-12:00pm (G 3114) Stepp Jr., A

JOUR630 Seminar in Public Relations Management; Grade Method: REG/AUD; 3 credits
0101 M.....6:00pm- 9:00pm (G 3114) Grunig, L

JOUR698 (PermReq) Special Problems in Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

JOUR700 Seminar in Mass Media Law; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:00pm- 9:00pm (G 2116) Greenfeld, A

JOUR731 Cross-cultural Communication; Grade Method: REG/AUD; 3 credits
0101 W.....9:00am-12:00pm (G 3114) Martin, L

JOUR740 Seminar in Advertising Communication; Grade Method: REG/AUD; 3 credits
0101 W.....6:00pm- 9:00pm (G 3114) Zanot, E

JOUR798 (PermReq) Masters Professional Fieldwork; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

JOUR799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

JOUR818 Seminar in Communication Theories: Seminar in Mass Media and Politics; Grade Method: REG/AUD; 3 credits
0101 W.....9:00am-12:00pm (00 2203) Blumler, J

LATN Latin (Arts and Humanities)

LATN101 Elementary Latin; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (GG 3111) STAFF
0201 MWF.....1:00pm- 1:50pm (GG 3111) STAFF
0301 MWF.....9:00am- 9:50am (GG 3111) STAFF
0401 MWF.....11:00am-11:50am (LL 2206) STAFF
0501 MWF.....12:00pm-12:50pm (LL 1104) STAFF

LATN102 Elementary Latin; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....11:00am-11:50am (GG 3111) STAFF

LATN203 Intermediate Latin I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....11:00am-11:50am (F 1106) Staley, G

LATN352 Livy; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LL 3118) Lee, H

LATN488 (PermReq) Independent Study in Latin Language and Literature; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

LATN605 (PermReq) Vergil; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:00pm- 8:40pm (LL 1109) STAFF

LATN610 (PermReq) Vulgar Latin Readings; Grade Method: REG/AUD; 3 credits
0101 Th.....6:00pm- 8:40pm (LL 4218) Rowland, R

LBSC Library Science (Library + Info Services)

LBSC331 Introduction to Educational Media Services; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (ULB 0115) Williams, H

LBSC386 Field Work; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Williams, H

LBSC387 Field Work Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Williams, H

LBSC488M Recent Trends and Issues in Library and Information Services: Marketing Management Techniques for Information Professionals; 3 credits

Grade Method: REG/P-F/AUD; For graduate credit, students must select grading option "R". Suggested prerequisite; LBSC 630 or equivalent.
0101 Tu.....6:00pm- 8:45pm (ULB 4113) Olson, M

All courses 600 and above require permission of department. Check course listing for specific restrictions.

LBSC600 (PermReq) Proseminar: the Development and Operation of Libraries and Information Services; Grade Method: REG/AUD; 3 credits
0101 MW.....9:30am-10:45am (ULB 0109) Kidd, J
0201 Tu.....5:30pm- 8:15pm (ULB 0109) Kidd, J

LBSC602 (PermReq) Curatorship and Records Management; Grade Method: REG/AUD; Formerly LBSC 708C. 3 credits
0101 Tu.....5:30pm- 8:15pm (ULB 0105) Stielow, F

LBSC603 (PermReq) Library Systems Analysis; Grade Method: REG/AUD; 3 credits
0101 M.....5:30pm- 8:15pm (ULB 0109) Kidd, J

LBSC612 (PermReq) History of Books and Printing; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ULB 4115) Stielow, F

LBSC641 (PermReq) Selection and Evaluation of Instructional Media; Grade Method: REG/AUD; 3 credits
0101 Th.....5:30pm- 8:15pm (ULB 0113) Neuman, D

LBSC643 (PermReq) Library Media Specialists in Educational Systems; Grade Method: REG/AUD; 3 credits
0101 W.....5:30pm- 8:15pm (ULB 4113) Neuman, D

LBSC645 (PermReq) Children's Literature and Materials; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (ULB 0115) MacLeod, A

LBSC651 (PermReq) Introduction to Reference and Information Services; Grade Method: REG/AUD; 3 credits
0101 MW.....11:00am-12:15pm (ULB 0103) White, M
0201 MW.....1:00pm- 2:15pm (ULB 0103) White, M
0301 M.....5:30pm- 8:15pm (ULB 0103) Cunningham, W
0401 Sa.....9:00am-11:45am (ULB 0103) Wright, A

LBSC671 (PermReq) Organization of Recorded Knowledge; Grade Method: REG/AUD; 3 credits
0101 MW.....11:00am-12:15pm (ULB 0115) Wellisch, H
0201 Sa.....1:00pm- 3:45pm (ULB 0113) Momeni, M
Sa.....1:00pm- 3:45pm (ULB 0115)
0401 M.....5:30pm- 8:15pm (ULB 0115) Momeni, M

LBSC675 (PermReq) Introduction to Information Storage and Retrieval (ISAR) Systems; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (ULB 0103) Soergel, D

LBSC690 (PermReq) Introduction to Data Processing For Libraries and Information Services; Grade Method: REG/AUD; With additional lab. 3 credits
0101 Th.....9:30am-12:15pm (ULB 0103) Soergel, D

LBSC691 (PermReq) Microcomputers in Information Processing; Grade Method: REG/AUD; 3 credits
0101 Th.....5:30pm- 8:15pm (ULB 0103) Keller, P

LBSC701 (PermReq) Research Methods in Library and Information Activity; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ULB 4113) Marchionini, G

LBSC707 (PermReq) Field Study in Library Service; Grade Method: REG/AUD; Prerequisites: LBSC 600, 651, 671, 690 or 691, and permission of instructor. 3 credits
0101 Time and room to be arranged Wilson, W

LBSC708J (PermReq) Special Topics in Library and Information Service: Library Personnel Management and Communication; Grade Method: REG/AUD; 3 credits
0101 Th.....9:30am-12:15pm (ULB 4113) MacLeod, A

LBSC708M (PermReq) Special Topics in Library and Information Service: Microcomputers in Information Processing II; Grade Method: REG/AUD; Prerequisite: LBSC 690, 691 or consent of instructor. 3 credits
0101 Th.....5:30pm- 8:15pm (ULB 4113) Marchionini, G

LBSC709 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Signed independent study form must be presented to CLIS admissions office. 1-3 credits

LBSC724 (PermReq) Public Library Seminar; Grade Method: REG/AUD; 3 credits
0101 W.....5:30pm- 8:15pm (ULB 0109) Cunningham, W

LBSC733 (PermReq) Seminar in Library and Information Networks; Grade Method: REG/AUD 3 credits
0101 W.....5:30pm- 8:15pm (ULB 4115) Reynolds, M

LBSC741 (PermReq) Seminar in School Library Media Programs; Grade Method: REG/AUD; Suggested prerequisite: LBSC630. 3 credits
0101 M.....5:30pm- 8:15pm (ULB 4115) Liesene J

LBSC744 (PermReq) Field Study in School Library Media Programs; Grade Method: REG/AUD; Prerequisite: LBSC 741 and permission of instructor. 3 credits
0101 W.....2:30pm- 5:15pm (ULB 4113) Liesener, J

LBSC745 (PermReq) Storytelling Materials and Techniques; Grade Method: REG/AUD; 3 credits
0101 Th.....5:30pm- 8:15pm (ULB 0115) Sheldon, A

LBSC750 (PermReq) Advanced Reference Services; Grade Method: REG/AUD; Preregistration must be approved by CLIS admissions office. 3 credits
0101 MW.....9:30am-10:45am (ULB 0103) White, M

LBSC756 (PermReq) Literature and Research in Science and Technology; Grade Method: REG/AUD; 3 credits
0101 MW.....1:00pm- 2:15pm (ULB 4113) Wellisch, H

LBSC762 (PermReq) Health Information Sources and Their Use; Grade Method: REG/AUD; Suggested prerequisite: LBSC 651 or equivalent. 3 credits
0101 W.....9:30am-12:15pm (ULB 4113) Sewell, W

LBSC764 (PermReq) Legal Literature; Grade Method: REG/AUD; Suggested prerequisite: LBSC 651 or equivalent. 3 credits
0101 W.....9:30am-12:15pm (ULB 4113) Sewell, W

LBSC767 (PermReq) Governmental Information Systems; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:15pm (ULB 0103) Rahill, M

LBSC783 (PermReq) Seminar in Technical Services; Grade Method: REG/AUD; 3 credits
0101 W.....1:00pm- 3:45pm (ULB 4115) Reynolds, M

LBSC785 (PermReq) Introduction to Reprography; Grade Method: REG/AUD; 3 credits
0101 W.....2:30pm- 5:15pm (ULB 0109) Costabile, S

LBSC878 (PermReq) Doctoral Seminar in Information Studies: Information Storage and Retrieval; Grade Method: REG/AUD; Doctoral students or by permission of instructor. 3 credits
0101 W.....5:30pm- 8:15pm (ULB 0105) Heynen, J

LBSC899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits
0101 Tu.....9:30am-12:15pm (ULB 4113) Soergel, D

LENF For LENF courses, see CJUS (Institute of Criminal Justice and Criminology).

LING Linguistics (Arts and Humanities)

LING200 Introductory Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....2:00pm- 2:50pm (A 2110) Coleman, L
0201 MWF.....9:00am- 9:50am (F 1108) Fagan, S
0301 M.....3:00pm- 3:50pm (LL 0118) Merrill, P
W.....3:00pm- 4:50pm (LL 0118)
0401 TuTh.....2:00pm- 3:15pm (A 0103) Miller, M

Basis for future work in Linguistics. Credit not given for both LING 100 and 200.

LING240 Language and Mind; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (R 1101) Lightfoot, D

LING311 Syntax I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (ULB 1112) Hornstein, N

LING321 Phonology I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (ULB 0117) Weinberg, A

LING410 Grammar and Meaning; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (ULB 0125) Hornstein, N

LING419 (PermReq) Topics in Syntax; Grade Method: REG; 3 credits
0101 TuTh.....11:00am-12:15pm (LL 0202) Vergnaud, J

LING421 Advanced Phonology; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (ULB 1108) Vergnaud, J

LING445 Computer Models of Language; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (ULB 1112) Weinberg, A

LING499 (PermReq) Directed Studies in Linguistics; Grade Method: REG; 3 credits
0101 Time and room to be arranged Lightfoot, D

LING610 Syntactic Theory; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Hornstein, N

LING620 Phonological Theory; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (ULB 1108) Vergnaud, J

LING645 Language Processing; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Weinberg, A

LING659 (PermReq) Structure of a Language; Grade Method: REG/AUD; 3 credits
0101 W.....2:00pm- 4:00pm (ULB 1116) STAFF
Time and room to be arranged DIS

LING689 Topics in Language Study; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (ULB 1120) Vergnaud, J

LING698 Directed Study: MA Level; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged STAFF

LING889 Directed Research: Ph.D. Level; Grade Method: REG/AUD; 1-8 credits
0101 Time and room to be arranged STAFF

LING895 Doctoral Research Paper; Grade Method: REG/AUD; 1-6 credits
0101 Time and room to be arranged STAFF

LING899 Doctoral Dissertation Research; Grade Method: REG; 1-8 credits
0101 Time and room to be arranged STAFF

MAPL Applied Mathematics (Comp, Math, & Phys Sci)

MAPL460 Computational Methods; Grade Method: REG/P-F; Credit will be given for only one of the two courses MAPL 460 and MAPL 470. 3 credits
0101 TuTh.....11:00am-12:15pm (J 2107) King, H
0301 MWF.....1:00pm- 1:50pm (Y B0423) Kellogg, R

MAPL470 Numerical Mathematics: Analysis; Grade Method: REG/P-F; Credit will be given for only one of the two courses MAPL 460 and MAPL 470. Course chairperson - Hubbard. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 2352) Stewart, G
0201 MWF.....10:00am-10:50am (ITV 1111) Hubbard, B

MAPL471 Numerical Mathematics: Linear Algebra; Grade Method: REG/P-F; 3 credits
0101 MWF.....11:00am-11:50am (ITV 1111) Osborn, J

MAPL498A Selected Topics in Applied Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MAPL600 Advanced Linear Numerical Analysis; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (CSS 2330) Elman, H

MAPL610 Numerical Solution of Ordinary Differential Equations; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (Y 0301) Babuska, I

MAPL670 Ordinary Differential Equations I; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (Y 0302) Chu, H

MAPL673 Classical Methods in Partial Differential Equations I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (Y B0427) Evans, L

MAPL680 Eigenvalue and Boundary Value Problems I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (Y 0107) Maddocks, J

MAPL685 Modern Methods in Partial Differential Equations I; Grade Method: REG/AUD; 3 credits
0101 MWF.....11:00am-11:50am (Y B0423) STAFF

MAPL698A Advanced Topics in Applied Mathematics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

MAPL698B Advanced Topics in Applied Mathematics: Introduction to Parallel Computing; Grade Method: REG/AUD; Stewart and O'Leary are co-instructors. 3 credits
0201 TuTh.....12:30pm- 1:45pm (Y 0107) Oleary, D

MAPL698C Advanced Topics in Applied Mathematics: Non-Linear Waves; Grade Method: REG/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (Y B0423) Liu, T

MAPL698D Advanced Topics in Applied Mathematics: Discrete Mathmetics for the Social Sciences; Grade Method: REG/AUD; 3 credits
0401 TuTh.....4:00pm- 5:15pm (Y 0102) Young, H

MAPL699 Applied Mathematics Seminar; Grade Method: REG/AUD; 1 credit
0101 Tu.....5:00pm- 5:50pm (Y 0403) Vogelius, M

MAPL799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MAPL899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

MATH Mathematics (Comp, Math, & Phys Sci)

MATH001 Review of High School Algebra; Grade Method: REG; Course chairperson - Alter. The notation 3 credits is used only for billing and full-time or part-time status. This course does not carry credit towards any degree at the university. There is a special fee of $110 for MATH 001. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Students registering for MATH 001 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M- Building Confidence and Study Skills in Mathematics. 3 credits
0101 MWF.....9:00am- 9:50am (Y 0102) STAFF
0102 MWF.....9:00am- 9:50am (Y 0401) STAFF
0201 MWF.....10:00am-10:50am (Y 0102) STAFF
0202 MWF.....10:00am-10:50am (Y 0401) STAFF
0203 MWF.....10:00am-10:50am (Y 0104) STAFF
0301 MWF.....11:00am-11:50am (Y 0401) STAFF
0302 MWF.....11:00am-11:50am (Y 0104) STAFF
0401 MWF.....12:00pm-12:50pm (Y 0104) STAFF
0501 MWF.....1:00pm- 1:50pm (Y 0104) STAFF
0601 MWF.....2:00pm- 2:50pm (Y 0104) STAFF
0602 MW.....2:00pm- 3:15pm (Y 0102) STAFF
0702 TuTh.....9:30am-10:45am (Y 0401) STAFF
0802 TuTh.....11:00am-12:15pm (Y 0401) STAFF
0901 TuTh.....12:30pm- 1:45pm (Y 0401) STAFF
1001 TuTh.....2:00pm- 3:15pm (Y 0401) STAFF

MATH001B Review of High School Algebra; Grade Method: REG; Course chairperson - Alter. The notation 3 credits is used for billing and full-time or part-time status. This course does not carry credit towards any degree at the university. There is a special $110 fee for MATH 001B. MATH 001B is intended for persons wishing to take MATH 115. Anyone registering for MATH 001B must have already completed at least one full year of high school algebra. Students registering for MATH 001B who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M- Building Confidence and Study Skills in Mathematics. 3 credits
0303 MWF.....11:00am-11:50am (Y 0102) STAFF
0402 MWF.....12:00pm-12:50pm (Y 0401) STAFF
0701 TuTh.....9:30am-10:45am (Y 0102) STAFF
0801 TuTh.....11:00am-12:15pm (Y 0102) STAFF
0902 TuTh.....12:30pm- 1:45pm (Y 0102) STAFF
1002 TuTh.....2:00pm- 3:15pm (Y 0102) STAFF
1101 MWF.....9:00am- 9:50am (Y B0425) STAFF
1201 MWF.....11:00am-11:50am (Y 0403) STAFF

MATH110 Introduction to Mathematics I; Grade Method: REG/P-F/AUD; For each of the following pairs, credit will be given for only one of the two listed courses - MATH 110 and MATH 102, MATH 110 and MATH 103, MATH 110 and MATH 104, MATH 110 and MATH 115. MATH 110 is not open to students majoring in mathematics, engineering or the physical sciences. Students who fail qualifying exam must take MATH 001. Chairperson - Herb. 3 credits
0101 MWF.....8:00am- 8:50am (Y 0306) STAFF
0102 MWF.....8:00am- 8:50am (Y 0307) STAFF
0103 MWF.....8:00am- 8:50am (Y 0403) STAFF
0104 MWF.....8:00am- 8:50am (Y 0303) STAFF
0201 MWF.....9:00am- 9:50am (Y 0306) STAFF
0202 MWF.....9:00am- 9:50am (Y 0307) STAFF
0203 MWF.....9:00am- 9:50am (Y 0403) STAFF
0204 MWF.....9:00am- 9:50am (Y 0303) STAFF
0301 MWF.....11:00am-11:50am (Y 0305) STAFF
0302 MWF.....11:00am-11:50am (Y 0201) STAFF
0303 MWF.....11:00am-11:50am (Y 0106) STAFF
0304 MWF.....11:00am-11:50am (Y 0303) STAFF
0401 MWF.....12:00pm-12:50pm (Y 0305) STAFF
0402 MWF.....12:00pm-12:50pm (Y 0201) STAFF
0403 MWF.....12:00pm-12:50pm (Y 0106) STAFF
0404 MWF.....12:00pm-12:50pm (Y 0303) STAFF
0501 MWF.....3:00pm- 3:50pm (Y 0101) STAFF
0502 MWF.....3:00pm- 3:50pm (Y 0103) STAFF
0503 MWF.....3:00pm- 3:50pm (Y 0304) STAFF
0504 MWF.....3:00pm- 3:50pm (Y 0305) STAFF
0601 MWF.....4:00pm- 4:50pm (Y 0101) STAFF
0602 MWF.....4:00pm- 4:50pm (Y 0103) STAFF
0603 MWF.....4:00pm- 4:50pm (Y 0304) STAFF
0604 MWF.....4:00pm- 4:50pm (Y 0305) STAFF
0901 MWF.....8:00am- 8:50am (Z 1412) Alter, M
Tu.....9:00am- 9:50am (Y 0407) DIS
0902 MWF.....8:00am- 8:50am (Z 1412) Alter, M
Tu.....10:00am-10:50am (Y 0407) DIS
0903 MWF.....8:00am- 8:50am (Z 1412) Alter, M
Tu.....10:00am-10:50am (Y 0302) DIS
0904 MWF.....8:00am- 8:50am (Z 1412) Alter, M
Tu.....1:00pm- 1:50pm (Y 0411) DIS
0905 MWF.....8:00am- 8:50am (Z 1412) Alter, M
Tu.....3:00pm- 3:50pm (Y 0407) DIS
0906 MWF.....8:00am- 8:50am (Z 1412) Alter, M
Tu.....3:00pm- 3:50pm (Y 0305) DIS
0907 MWF.....8:00am- 8:50am (Z 1412) Alter, M
Tu.....4:00pm- 4:50pm (Y 0407) DIS
0908 MWF.....8:00am- 8:50am (Z 1412) Alter, M
Tu.....4:00pm- 4:50pm (Y 0305) DIS
1001 MWF.....12:00pm-12:50pm (AR 0131) Brin, M
Th.....9:00am- 9:50am (Y 0407) DIS
1002 MWF.....12:00pm-12:50pm (AR 0131) Brin, M
Th.....10:00am-10:50am (Y 0407) DIS
1003 MWF.....12:00pm-12:50pm (AR 0131) Brin, M
Th.....10:00am-10:50am (Y 0302) DIS

1004 MWF.....12:00pm-12:50pm (AR 0131) Brin, M
Th.....1:00pm- 1:50pm (Y 0411) DIS
1005 MWF.....12:00pm-12:50pm (AR 0131) Brin, M
Th.....8:00am- 8:50am (Y 0405) DIS
1006 MWF.....12:00pm-12:50pm (AR 0131) Brin, M
Th.....3:00pm- 3:50pm (Y 0305) DIS
1007 MWF.....12:00pm-12:50pm (AR 0131) Brin, M
Th.....2:00pm- 2:50pm (Y 0407) DIS
1008 MWF.....12:00pm-12:50pm (AR 0131) Brin, M
Th.....4:00pm- 4:50pm (Y 0305) DIS
1101 MWF.....9:00am- 9:50am (T 0200) Reinhart, B
Th.....8:00am- 8:50am (Y 0407) DIS
1102 MWF.....9:00am- 9:50am (T 0200) Reinhart, B
Th.....3:00pm- 3:50pm (Y 0306) DIS
1103 MWF.....9:00am- 9:50am (T 0200) Reinhart, B
Th.....11:00am-11:50am (Y 0407) DIS
1104 MWF.....9:00am- 9:50am (T 0200) Reinhart, B
Th.....8:00am- 8:50am (Y B0429) DIS
1105 MWF.....9:00am- 9:50am (T 0200) Reinhart, B
Th.....4:00pm- 4:50pm (Y 0306) DIS
1106 MWF.....9:00am- 9:50am (T 0200) Reinhart, B
Th.....3:00pm- 3:50pm (Y 0407) DIS
1107 MWF.....9:00am- 9:50am (T 0200) Reinhart, B
Th.....9:00am- 9:50am (Y 0103) DIS
1108 MWF.....9:00am- 9:50am (T 0200) Reinhart, B
Th.....4:00pm- 4:50pm (Y 0407) DIS
1201 MWF.....12:00pm-12:50pm (Y 0103) STAFF

MATH111 Introduction to Mathematics II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses MATH 111 and STAT 100. MATH 111 is not open to students majoring in mathematics, engineering or the physical sciences. 3 credits
0101 MWF.....1:00pm- 1:50pm (Y 0101) STAFF
0102 MWF.....1:00pm- 1:50pm (Y 0103) STAFF
0103 MWF.....1:00pm- 1:50pm (Y 0304) STAFF
0104 MWF.....1:00pm- 1:50pm (Y 0305) STAFF
0105 MWF.....1:00pm- 1:50pm (Y 0306) STAFF
0106 MWF.....1:00pm- 1:50pm (Y 0307) STAFF
0107 MWF.....1:00pm- 1:50pm (Y 0403) STAFF
0108 MWF.....1:00pm- 1:50pm (Y 0105) STAFF
0109 MWF.....1:00pm- 1:50pm (Y 0303) STAFF
0113 MWF.....1:00pm- 1:50pm (Y 0401) Lipsman, R
0114 MWF.....1:00pm- 1:50pm (Y 0102) Shepherd, J
0115 MWF.....1:00pm- 1:50pm (Y 1308) STAFF
0201 MWF.....2:00pm- 2:50pm (Y 0101) STAFF
0202 MWF.....2:00pm- 2:50pm (Y 0103) STAFF
0203 MWF.....2:00pm- 2:50pm (Y 0304) STAFF
0204 MWF.....2:00pm- 2:50pm (Y 0305) STAFF
0205 MWF.....2:00pm- 2:50pm (Y 0306) STAFF
0206 MWF.....2:00pm- 2:50pm (Y 0307) STAFF
0207 MWF.....2:00pm- 2:50pm (Y 0403) STAFF
0208 MWF.....2:00pm- 2:50pm (Y 0105) STAFF
0209 MWF.....2:00pm- 2:50pm (Y 0303) STAFF
0215 MWF.....2:00pm- 2:50pm (Y 1308) STAFF

MATH115 Pre-Calculus; Grade Method: REG/P-F/AUD; For each of the following pairs, credit will be given for only one of the two listed courses - MATH 115 and MATH 102, MATH 115 and MATH 103, MATH 115 and MATH 104, MATH 115 and MATH 110. Students who fail qualifying exam must take MATH 001B. 3 credits
0101 MWF.....8:00am- 8:50am (Y 0304) STAFF
0102 MWF.....8:00am- 8:50am (Y 0201) STAFF
0103 MWF.....8:00am- 8:50am (Y 0106) STAFF
0104 MWF.....8:00am- 8:50am (Y 0405) STAFF
0201 MWF.....9:00am- 9:50am (Y 0304) STAFF
0202 MWF.....9:00am- 9:50am (Y 0201) STAFF
0203 MWF.....9:00am- 9:50am (Y 0106) STAFF
0204 MWF.....9:00am- 9:50am (Y 0405) STAFF
0301 MWF.....1:00pm- 1:50pm (Y B0421) STAFF
0302 MWF.....1:00pm- 1:50pm (Y 0201) STAFF
0303 MWF.....1:00pm- 1:50pm (Y 0106) STAFF
0401 MWF.....2:00pm- 2:50pm (Y B0421) STAFF
0402 MWF.....2:00pm- 2:50pm (Y 0201) STAFF
0403 MWF.....2:00pm- 2:50pm (Y 0106) STAFF
0501 MWF.....3:00pm- 3:50pm (Y B0421) STAFF
0502 MWF.....3:00pm- 3:50pm (Y 0201) STAFF
0601 MWF.....4:00pm- 4:50pm (Y B0421) STAFF
0602 MWF.....4:00pm- 4:50pm (Y 0201) STAFF
0701 MWF.....8:00am- 8:50am (AR 0126) Sorensen, S
Tu.....8:00am- 8:50am (Y 0407) DIS
0702 MWF.....8:00am- 8:50am (AR 0126) Sorensen, S
Tu.....11:00am-11:50am (Y 0407) DIS
0703 MWF.....8:00am- 8:50am (AR 0126) Sorensen, S
Tu.....12:00pm-12:50pm (Y 0407) DIS
0704 MWF.....8:00am- 8:50am (AR 0126) Sorensen, S
Tu.....1:00pm- 1:50pm (Y 0407) DIS
0705 MWF.....8:00am- 8:50am (AR 0126) Sorensen, S
Tu.....2:00pm- 2:50pm (Y 0407) DIS
0706 MWF.....8:00am- 8:50am (AR 0126) Sorensen, S
Tu.....4:00pm- 4:50pm (Y 0307) DIS
0707 MWF.....8:00am- 8:50am (AR 0126) Sorensen, S
Tu.....8:00am- 8:50am (Y 0405) DIS
0708 MWF.....8:00am- 8:50am (AR 0126) Sorensen, S
Tu.....4:00pm- 4:50pm (Y 0101) DIS
1201 MWF.....10:00am-10:50am (AR 0135) Gulick, F
Tu.....10:00am-10:50am (Y B0423) DIS
1202 MWF.....10:00am-10:50am (AR 0135) Gulick, F
Tu.....9:00am- 9:50am (Y 0103) DIS
1203 MWF.....10:00am-10:50am (AR 0135) Gulick, F
Tu.....8:00am- 8:50am (Y B0429) DIS
1204 MWF.....10:00am-10:50am (AR 0135) Gulick, F
Tu.....4:00pm- 4:50pm (Y B0421) DIS
1205 MWF.....10:00am-10:50am (AR 0135) Gulick, F
Tu.....3:00pm- 3:50pm (Y 0307) DIS
1206 MWF.....10:00am-10:50am (AR 0135) Gulick, F
Tu.....4:00pm- 4:50pm (Y 0405) DIS
1207 MWF.....10:00am-10:50am (AR 0135) Gulick, F
Tu.....3:00pm- 3:50pm (Y 0306) DIS
1208 MWF.....10:00am-10:50am (AR 0135) Gulick, F
Tu.....4:00pm- 4:50pm (Y 0306) DIS

MATH140 Calculus I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses - MATH 140 and MATH 220. 4 credits
0111 MWF.....8:00am- 8:50am (AR 0135) Kirwan, W
TuTh.....9:00am- 9:50am (Y B0421) DIS
0121 MWF.....8:00am- 8:50am (AR 0135) Kirwan, W
TuTh.....10:00am-10:50am (Y B0421) DIS
0131 MWF.....8:00am- 8:50am (AR 0135) Kirwan, W
TuTh.....11:00am-11:50am (Y B0421) DIS
0141 MWF.....8:00am- 8:50am (AR 0135) Kirwan, W
TuTh.....1:00pm- 1:50pm (Y B0421) DIS
0211 MWF.....11:00am-11:50am (AR 0135) Ellis, R
TuTh.....8:00am- 8:50am (Y B0421) DIS
0212 MWF.....11:00am-11:50am (AR 0135) Ellis, R
TuTh.....8:00am- 8:50am (Y 0201) DIS
0221 MWF.....11:00am-11:50am (AR 0135) Ellis, R
TuTh.....10:00am-10:50am (Y 0106) DIS
0231 MWF.....11:00am-11:50am (AR 0135) Ellis, R
TuTh.....11:00am-11:50am (Y 0106) DIS
0241 MWF.....11:00am-11:50am (AR 0135) Ellis, R
TuTh.....12:00pm-12:50pm (Y 0105) DIS
0251 MWF.....11:00am-11:50am (AR 0135) Ellis, R
TuTh.....2:00pm- 2:50pm (Y B0421) DIS
0311 MWF.....12:00pm-12:50pm (T 0200) Gulick, D
TuTh.....8:00am- 8:50am (Y 0303) DIS
0321 MWF.....12:00pm-12:50pm (T 0200) Gulick, D
TuTh.....10:00am-10:50am (Y 0303) DIS
0331 MWF.....12:00pm-12:50pm (T 0200) Gulick, D
TuTh.....11:00am-11:50am (Y 0105) DIS
0341 MWF.....12:00pm-12:50pm (T 0200) Gulick, D
TuTh.....12:00pm-12:50pm (Y 0106) DIS
0351 MWF.....12:00pm-12:50pm (T 0200) Gulick, D
TuTh.....1:00pm- 1:50pm (Y 0201) DIS
0361 MWF.....12:00pm-12:50pm (T 0200) Gulick, D
TuTh.....2:00pm- 2:50pm (Y 0201) DIS
0411 MWF.....1:00pm- 1:50pm (AR 0131) Greenberg, L
TuTh.....12:00pm-12:50pm (Y 0303) DIS
0421 MWF.....1:00pm- 1:50pm (AR 0131) Greenberg, L
TuTh.....1:00pm- 1:50pm (Y 0303) DIS
0431 MWF.....1:00pm- 1:50pm (AR 0131) Greenberg, L
TuTh.....2:00pm- 2:50pm (Y 0303) DIS
0432 MWF.....1:00pm- 1:50pm (AR 0131) Greenberg, L
TuTh.....2:00pm- 2:50pm (Y 0101) DIS
0441 MWF.....1:00pm- 1:50pm (AR 0131) Greenberg, L
TuTh.....3:00pm- 3:50pm (Y 0201) DIS
0442 MWF.....1:00pm- 1:50pm (AR 0131) Greenberg, L
TuTh.....3:00pm- 3:50pm (Y B0421) DIS
0511 MWF.....2:00pm- 2:50pm (AR 0131) Greenberg, L
TuTh.....1:00pm- 1:50pm (Y 0105) DIS
0512 MWF.....2:00pm- 2:50pm (AR 0131) Greenberg, L
TuTh.....1:00pm- 1:50pm (Y 0103) DIS
0521 MWF.....2:00pm- 2:50pm (AR 0131) Greenberg, L
TuTh.....2:00pm- 2:50pm (Y 0103) DIS
0531 MWF.....2:00pm- 2:50pm (AR 0131) Greenberg, L
TuTh.....3:00pm- 3:50pm (Y 0405) DIS
0611 MWF.....9:00am- 9:50am (AR 0131) Osborn, J
TuTh.....8:00am- 8:50am (Y 0103) DIS
0621 MWF.....9:00am- 9:50am (AR 0131) Osborn, J
TuTh.....9:00am- 9:50am (Y 0303) DIS
0631 MWF.....9:00am- 9:50am (AR 0131) Osborn, J
TuTh.....10:00am-10:50am (Y 0101) DIS
0641 MWF.....9:00am- 9:50am (AR 0131) Osborn, J
TuTh.....11:00am-11:50am (Y 0101) DIS

MATH140H (PermReq) Calculus I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Open only to General Honors students. Credit will be given for only one of the courses: MATH 140H and MATH 220. 4 credits
2011 MTuWTh....10:00am-10:50am (Y B0429) Hummel, J
2111 MWThF.....12:00pm-12:50pm (Y B0429) Kleppner, A

MATH141 Calculus II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses - MATH 141 and MATH 221. Students enrolled in MATH 141 are eligible for MATH 143 - calculus computer lab. 4 credits
0111 MWF.....9:00am- 9:50am (AR 0135) Sather, J
TuTh.....8:00am- 8:50am (Y 0307) DIS
0112 MWF.....9:00am- 9:50am (AR 0135) Sather, J
TuTh.....8:00am- 8:50am (Y 0306) DIS
0121 MWF.....9:00am- 9:50am (AR 0135) Sather, J
TuTh.....9:00am- 9:50am (Y 0304) DIS
0122 MWF.....9:00am- 9:50am (AR 0135) Sather, J
TuTh.....9:00am- 9:50am (Y 0306) DIS
0131 MWF.....9:00am- 9:50am (AR 0135) Sather, J
TuTh.....12:00pm-12:50pm (Y 0403) DIS
0141 MWF.....9:00am- 9:50am (AR 0135) Sather, J
TuTh.....1:00pm- 1:50pm (Y 0304) DIS
0211 MWF.....11:00am-11:50am (AR 0131) Ehrlich, G
TuTh.....8:00am- 8:50am (Y 0403) DIS
0221 MWF.....11:00am-11:50am (AR 0131) Ehrlich, G
TuTh.....9:00am- 9:50am (Y 0307) DIS
0231 MWF.....11:00am-11:50am (AR 0131) Ehrlich, G
TuTh.....10:00am-10:50am (Y 0304) DIS
0241 MWF.....11:00am-11:50am (AR 0131) Ehrlich, G
TuTh.....11:00am-11:50am (Y 0304) DIS
0251 MWF.....11:00am-11:50am (AR 0131) Ehrlich, G
TuTh.....12:00pm-12:50pm (Y 0304) DIS
0252 MWF.....11:00am-11:50am (AR 0131) Ehrlich, G
TuTh.....12:00pm-12:50pm (Y 0103) DIS
0261 MWF.....11:00am-11:50am (AR 0131) Ehrlich, G
TuTh.....2:00pm- 2:50pm (Y 0306) DIS
0262 MWF.....11:00am-11:50am (AR 0131) Ehrlich, G
TuTh.....2:00pm- 2:50pm (Y 0307) DIS
0311 MWF.....2:00pm- 2:50pm (T 0200) Warner, C
TuTh.....1:00pm- 1:50pm (Y 0305) DIS
0321 MWF.....2:00pm- 2:50pm (T 0200) Warner, C
TuTh.....2:00pm- 2:50pm (Y 0403) DIS
0331 MWF.....2:00pm- 2:50pm (T 0200) Warner, C
TuTh.....3:00pm- 3:50pm (Y 0103) DIS
0332 MWF.....2:00pm- 2:50pm (T 0200) Warner, C
TuTh.....3:00pm- 3:50pm (Y 0304) DIS
0711 MWF.....8:00am- 8:50am (AR 0131) Johnson, R
TuTh.....8:00am- 8:50am (Y 0101) DIS
0721 MWF.....8:00am- 8:50am (AR 0131) Johnson, R
TuTh.....9:00am- 9:50am (Y 0403) DIS
0731 MWF.....8:00am- 8:50am (AR 0131) Johnson, R
TuTh.....10:00am-10:50am (Y 0305) DIS
0741 MWF.....8:00am- 8:50am (AR 0131) Johnson, R
TuTh.....12:00pm-12:50pm (Y 0306) DIS

MATH150 (PermReq) Calculus I (Honors); Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
0111 TuTh.....2:00pm- 4:00pm (Y 0104) Berg, K

MATH210 Elements of Mathematics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; MATH210 is open only to the following majors: 08230-EDUC Early Childhood, 0823X-Pre-Early Childhood EDUC, 08020-EDUC Elem, 0802X-Pre Elem EDUC, 08088-Spec EDUC, 0808X-Prespecial EDUC. 4 credits
0101 MTuWTh.....8:00am- 8:50am (Y B0425) STAFF
0201 MTuWTh.....9:00am- 9:50am (Y B0429) STAFF
0301 MTuWTh.....11:00am-11:50am (Y B0429) STAFF
0401 MTuWTh.....1:00pm- 1:50pm (Y B0429) STAFF
0501 MW.....2:00pm- 4:00pm (Y B0429) STAFF

MATH211 Elements of Geometry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
0101 MTuWTh.....8:00am- 8:50am (Y B0427) STAFF
0201 MTuWTh.....11:00am-11:50am (Y B0427) STAFF
0301 MW.....2:00pm- 4:00pm (Y B0427) STAFF
0401 TuTh.....8:00am-10:00am (Y B0423) STAFF

MATH220 Elementary Calculus I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses - MATH 220 and MATH 140. MATH 220 is not open to students majoring in mathematics, engineering or the physical sciences. 3 credits
0111 TuTh.....9:30am-10:45am (AR 0131) Boyle, M
M.....8:00am- 8:50am (Y 0409) DIS
0121 TuTh.....9:30am-10:45am (AR 0131) Boyle, M
M.....9:00am- 9:50am (Y 0409) DIS
0131 TuTh.....9:30am-10:45am (AR 0131) Boyle, M
M.....10:00am-10:50am (Y 0409) DIS
0141 TuTh.....9:30am-10:45am (AR 0131) Boyle, M
M.....11:00am-11:50am (Y 0409) DIS
0151 TuTh.....9:30am-10:45am (AR 0131) Boyle, M
M.....1:00pm- 1:50pm (Y 0409) DIS
0161 TuTh.....9:30am-10:45am (AR 0131) Boyle, M
M.....2:00pm- 2:50pm (Y 0409) DIS
0171 TuTh.....9:30am-10:45am (AR 0131) Boyle, M
M.....3:00pm- 3:50pm (Y 0409) DIS
0181 TuTh.....9:30am-10:45am (AR 0131) Boyle, M
M.....4:00pm- 4:50pm (Y 0409) DIS
0211 TuTh.....12:30pm- 1:45pm (AR 0135) Goldberg, S
W.....8:00am- 8:50am (Y 0409) DIS
0221 TuTh.....12:30pm- 1:45pm (AR 0135) Goldberg, S
W.....9:00am- 9:50am (Y 0409) DIS
0231 TuTh.....12:30pm- 1:45pm (AR 0135) Goldberg, S
W.....10:00am-10:50am (Y 0409) DIS
0241 TuTh.....12:30pm- 1:45pm (AR 0135) Goldberg, S
W.....11:00am-11:50am (Y 0409) DIS
0251 TuTh.....12:30pm- 1:45pm (AR 0135) Goldberg, S
W.....1:00pm- 1:50pm (Y 0409) DIS
0261 TuTh.....12:30pm- 1:45pm (AR 0135) Goldberg, S
W.....2:00pm- 2:50pm (Y 0409) DIS
0271 TuTh.....12:30pm- 1:45pm (AR 0135) Goldberg, S
W.....3:00pm- 3:50pm (Y 0409) DIS
0281 TuTh.....12:30pm- 1:45pm (AR 0135) Goldberg, S
W.....4:00pm- 4:50pm (Y 0409) DIS
0311 TuTh.....2:00pm- 3:15pm (AR 0131) Wolpert, S
F.....8:00am- 8:50am (Y 0409) DIS
0321 TuTh.....2:00pm- 3:15pm (AR 0131) Wolpert, S
F.....9:00am- 9:50am (Y 0409) DIS
0331 TuTh.....2:00pm- 3:15pm (AR 0131) Wolpert, S
F.....10:00am-10:50am (Y 0409) DIS
0341 TuTh.....2:00pm- 3:15pm (AR 0131) Wolpert, S
F.....11:00am-11:50am (Y 0409) DIS
0351 TuTh.....2:00pm- 3:15pm (AR 0131) Wolpert, S
F.....1:00pm- 1:50pm (Y 0409) DIS
0361 TuTh.....2:00pm- 3:15pm (AR 0131) Wolpert, S
F.....2:00pm- 2:50pm (Y 0409) DIS
0371 TuTh.....2:00pm- 3:15pm (AR 0131) Wolpert, S
F.....3:00pm- 3:50pm (Y 0409) DIS
0381 TuTh.....2:00pm- 3:15pm (AR 0131) Wolpert, S
F.....4:00pm- 4:50pm (Y 0409) DIS
0411 MWF.....8:00am- 8:50am (T 0200) Rudolph, D
Th.....8:00am- 8:50am (Y 0409) DIS
0421 MWF.....8:00am- 8:50am (T 0200) Rudolph, D
Th.....9:00am- 9:50am (Y 0409) DIS
0431 MWF.....8:00am- 8:50am (T 0200) Rudolph, D
Th.....10:00am-10:50am (Y 0409) DIS
0441 MWF.....8:00am- 8:50am (T 0200) Rudolph, D
Th.....11:00am-11:50am (Y 0409) DIS
0451 MWF.....8:00am- 8:50am (T 0200) Rudolph, D
Th.....1:00pm- 1:50pm (Y 0409) DIS
0461 MWF.....8:00am- 8:50am (T 0200) Rudolph, D
Th.....2:00pm- 2:50pm (Y 0409) DIS
0471 MWF.....8:00am- 8:50am (T 0200) Rudolph, D
Th.....3:00pm- 3:50pm (Y 0409) DIS
0481 MWF.....8:00am- 8:50am (T 0200) Rudolph, D
Th.....4:00pm- 4:50pm (Y 0409) DIS
0511 MWF.....2:00pm- 2:50pm (AR 0135) Goldhaber, J
Tu.....8:00am- 8:50am (Y 0409) DIS
0521 MWF.....2:00pm- 2:50pm (AR 0135) Goldhaber, J
Tu.....9:00am- 9:50am (Y 0409) DIS
0531 MWF.....2:00pm- 2:50pm (AR 0135) Goldhaber, J
Tu.....10:00am-10:50am (Y 0409) DIS
0541 MWF.....2:00pm- 2:50pm (AR 0135) Goldhaber, J
Tu.....11:00am-11:50am (Y 0409) DIS
0551 MWF.....2:00pm- 2:50pm (AR 0135) Goldhaber, J
Tu.....1:00pm- 1:50pm (Y 0409) DIS
0561 MWF.....2:00pm- 2:50pm (AR 0135) Goldhaber, J
Tu.....2:00pm- 2:50pm (Y 0409) DIS
0571 MWF.....2:00pm- 2:50pm (AR 0135) Goldhaber, J
Tu.....3:00pm- 3:50pm (Y 0409) DIS
0581 MWF.....2:00pm- 2:50pm (AR 0135) Goldhaber, J
Tu.....4:00pm- 4:50pm (Y 0409) DIS

MATH221 Elementary Calculus II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses - MATH 221 and MATH 141. MATH 221 is not open to students majoring in mathematics, engineering or the physical Sciences. 3 credits
0111 TuTh.....11:00am-12:15pm (AR 0131) Zedek, M
W.....8:00am- 8:50am (Y 0407) DIS
0121 TuTh.....11:00am-12:15pm (AR 0131) Zedek, M
W.....9:00am- 9:50am (Y 0407) DIS
0131 TuTh.....11:00am-12:15pm (AR 0131) Zedek, M
W.....10:00am-10:50am (Y 0407) DIS
0141 TuTh.....11:00am-12:15pm (AR 0131) Zedek, M
W.....11:00am-11:50am (Y 0407) DIS
0211 TuTh.....12:30pm- 1:45pm (LL 0220) Lay, D
F.....8:00am- 8:50am (Y 0407) DIS
0221 TuTh.....12:30pm- 1:45pm (LL 0220) Lay, D
F.....9:00am- 9:50am (Y 0407) DIS
0231 TuTh.....12:30pm- 1:45pm (LL 0220) Lay, D
F.....10:00am-10:50am (Y 0407) DIS
0241 TuTh.....12:30pm- 1:45pm (LL 0220) Lay, D
F.....11:00am-11:50am (Y 0407) DIS

MATH240 Introduction to Linear Algebra; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; For each of the following pairs, credit will be given for only one of two listed courses - MATH 240 and MATH 400, MATH 240 and MATH 461. 4 credits
0111 MWF.....10:00am-10:50am (LL 0220) Grove, K
TuTh.....9:00am- 9:50am (Y 0405) DIS
0112 MWF.....10:00am-10:50am (LL 0220) Grove, K
TuTh.....9:00am- 9:50am (Y 0106) DIS
0121 MWF.....10:00am-10:50am (LL 0220) Grove, K
TuTh.....10:00am-10:50am (Y 0306) DIS
0131 MWF.....10:00am-10:50am (LL 0220) Grove, K
TuTh.....11:00am-11:50am (Y 0306) DIS
0511 MWF.....12:00pm-12:50pm (AR 0135) Grove, K
TuTh.....10:00am-10:50am (Y 0307) DIS
0521 MWF.....12:00pm-12:50pm (AR 0135) Grove, K
TuTh.....11:00am-11:50am (Y 0307) DIS
0522 MWF.....12:00pm-12:50pm (AR 0135) Grove, K
TuTh.....11:00am-11:50am (Y 0305) DIS
0531 MWF.....12:00pm-12:50pm (AR 0135) Grove, K
TuTh.....12:00pm-12:50pm (Y 0307) DIS
0541 MWF.....12:00pm-12:50pm (AR 0135) Grove, K
TuTh.....1:00pm- 1:50pm (Y 0307) DIS
0551 MWF.....12:00pm-12:50pm (AR 0135) Grove, K
TuTh.....2:00pm- 2:50pm (Y 0305) DIS

MATH240H (PermReq) Introduction to Linear Algebra; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; For each of the following pairs, credit will be given for only one of the two listed courses--MATH 240H and MATH 400, MATH 240H and 461. 4 credits
2011 TuTh.....2:00pm- 4:00pm (Y B0429) Auslander, J

MATH241 Calculus III; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
1411 MWF.....10:00am-10:50am (AR 0126) Wolfe, P
TuTh.....10:00am-10:50am (Y 0403) DIS
1412 MWF.....10:00am-10:50am (AR 0126) Wolfe, P
TuTh.....10:00am-10:50am (Y 0103) DIS
1413 MWF.....10:00am-10:50am (AR 0126) Wolfe, P
TuTh.....10:00am-10:50am (Y 0405) DIS
1421 MWF.....10:00am-10:50am (AR 0126) Wolfe, P
TuTh.....11:00am-11:50am (Y 0403) DIS
1422 MWF.....10:00am-10:50am (AR 0126) Wolfe, P
TuTh.....11:00am-11:50am (Y 0303) DIS
1423 MWF.....10:00am-10:50am (AR 0126) Wolfe, P
TuTh.....11:00am-11:50am (Y 0405) DIS
1431 MWF.....10:00am-10:50am (AR 0126) Wolfe, P
TuTh.....12:00pm-12:50pm (Y B0421) DIS
1441 MWF.....10:00am-10:50am (AR 0126) Wolfe, P
TuTh.....1:00pm- 1:50pm (Y 0403) DIS
1501 MWF.....8:00am- 8:50am (Y 0411) Good, R
Tu.....8:00am- 8:50am (Y 0411) DIS
1601 MWF.....9:00am- 9:50am (Y 0411) Pearl, M
M.....10:00am-10:50am (Y 0407) DIS
1701 MW.....10:00am-10:50am (Y 0411) STAFF
TuTh.....10:00am-10:50am (Y 0411) DIS
1801 MWF.....11:00am-11:50am (Y 0405) Correl, E
Tu.....11:00am-11:50am (Y 0411) DIS
1901 MWF.....11:00am-11:50am (Y 0411) Liu, T
F.....10:00am-10:50am (Y 0411) DIS
2001 MWF.....12:00pm-12:50pm (Y 0405) Sebbar, A
Th.....12:00pm-12:50pm (Y 0407) DIS
2101 MWF.....12:00pm-12:50pm (Y 0411) Fernandez, J
Th.....11:00am-11:50am (Y 0411) DIS
2201 MWF.....1:00pm- 1:50pm (Y 0405) STAFF
Th.....1:00pm- 1:50pm (Y 0407) DIS
2301 MWF.....1:00pm- 1:50pm (Y 0411) STAFF
F.....2:00pm- 2:50pm (Y B0429) DIS
2401 TuTh.....11:00am-12:15pm (Y B0423) STAFF
F.....11:00am-11:50am (Y B0429) DIS
2501 TuTh.....12:30pm- 1:45pm (Y 0405) Benedetto, J
M.....11:00am-11:50am (Y 0407) DIS
2601 MWF.....12:00pm-12:50pm (Y B0427) Schafer, J
F.....11:00am-11:50am (Y B0427) DIS

MATH246 Differential Equations For Scientists and Engineers; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MWF.....8:00am- 8:50am (Y 0401) Gray, A
0102 MWF.....8:00am- 8:50am (Y 0104) Owings Jr., J
0301 MWF.....10:00am-10:50am (Y 0106) Antman, S
0302 MWF.....10:00am-10:50am (Y 0307) Cohen, J
0401 MWF.....12:00pm-12:50pm (Y 0307) Dancis, J
0402 MWF.....11:00am-11:50am (Y 0306) STAFF
0501 MWF.....12:00pm-12:50pm (Y 0409) Currier, A
0502 TuTh.....12:30pm- 1:45pm (Y 1313) STAFF
0601 TuTh.....12:30pm- 1:45pm (Y 1308) STAFF
0701 TuTh.....11:00am-12:15pm (Y B0425) Rosenberg, J
0801 TuTh.....12:30pm- 1:45pm (Y B0425) King, H
0901 TuTh.....2:00pm- 3:15pm (Y B0425) Hummel, J
1001 TuTh.....3:30pm- 4:45pm (Y B0425) Winkelkemper, H

MATH250 (PermReq) Calculus III (Honors); Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
0111 TuTh.....2:00pm- 4:00pm (Y 0301) Horvath, J

MATH299A Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MATH299B Selected Topics in Mathematics: Numerical Analysis; Grade Method: REG/P-F/AUD; Pre-requisite: MATH 141 3 credits
0201 MWF.....8:00am- 8:50am (Y B0421) Hubbard, B

MATH310 Introduction to Mathematical Reasoning; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; MATH 310 cannot be used towards the upper level MATH requirements for MATH/STAT majors. 3 credits
0101 MWF.....12:00pm-12:50pm (Y 0407) Neri, U

MATH386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MATH387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MATH400 (PermReq) Vectors and Matrices; Grade Method: REG/P-F/AUD; For each of the following pairs, credit will be given for only one of the two listed courses - MATH 400 and MATH 240, MATH 400 and MATH 461. MATH 400 is not open to students in the MPSE division. 3 credits
0101 MWF.....11:00am-11:50am (Y 1313) Lay, D

MATH401 Applications of Linear Algebra; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (Y 0103) Good, R
0201 MWF.....1:00pm- 1:50pm (Y 0301) Brin, M

MATH402 Algebraic Structures; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses - MATH 402 and MATH 403. MATH 402 is not open to mathematics graduate students or to undergraduates interested in continuing to graduate school in mathematics. 3 credits
0101 MWF.....1:00pm- 1:50pm (Y B0425) Goldhaber, J

MATH403 Introduction to Abstract Algebra; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses - MATH 403 and MATH 402. 3 credits
0101 TuTh.....11:00am-12:15pm (Y 1313) Ehrlich, G

MATH405 Linear Algebra; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (Y 0105) Goldberg, S

MATH406 Introduction to Number Theory; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....10:00am-10:50am (Y B0421) Kleppner, A
0201 MWF.....11:00am-11:50am (Y B0421) Cohen, J

0301 MWF.....12:00pm-12:50pm (Y 0403) STAFF

MATH410 Advanced Calculus I; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 MWF.....12:00pm-12:50pm (Y 1308) Rudolph, D
0201 MWF.....10:00am-10:50am (Y 1311) Cooper, J
0301 MWF.....9:00am- 9:50am (Y 0104) Sweet, D
0401 MWF.....12:00pm-12:50pm (Y 1311) Fitzpatrick, P

MATH411 Advanced Calculus II; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 MWF.....1:00pm- 1:50pm (Y B0427) Brace, J
0201 MWF.....10:00am-10:50am (Y 1313) Gulick, D

MATH414 Differential Equations; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....10:00am-10:50am (Y 1308) Sweet, D

MATH415 Introduction to Partial Differential Equations; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (Y 0105) Neri, U

MATH430 Euclidean and Non-Euclidean Geometries; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....9:30am-10:45am (Y 1313) Green, P
0201 TuTh.....12:30pm- 1:45pm (Y B0423) Winkelkemper, H

MATH432 Introduction to Point Set Topology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (Y 0301) Lehner, G

MATH436 Introduction to Differential Geometry; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (Y 0105) Douglis, A

MATH444 Elementary Logic and Algorithms; Grade Method: REG/P-F; 3 credits
0101 M.....10:00am-12:00pm (CL 0104)
F.....10:00am-10:50am (CL 0104) Steitz, P
0201 TuTh.....2:00pm- 3:15pm (CL 0102) Amir, A
0301 TuTh.....11:00am-12:15pm (CL 0109) Steitz, P

MATH447 Introduction to Mathematical Logic; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (Y 0107) Owings Jr., J

MATH461 Linear Algebra For Scientists and Engineers; Grade Method: REG/P-F/AUD; For each of the following pairs, credit will be given for only one of the two listed courses: MATH 461 and MATH 240, MATH 461 and MATH 400. MATH 461 cannot be used to meet the upper level math requirements for MATH/STAT majors. 3 credits
0201 MWF.....12:00pm-12:50pm (Y 0105) Douglis, A
0301 MWF.....10:00am-10:50am (Y 0101) Dancis, J
0401 MWF.....8:00am- 8:50am (Y 1311) STAFF
0501 MWF.....10:00am-10:50am (Y 0405) STAFF
0601 TuTh.....3:30pm- 4:45pm (Y 0106) Vogelius, M
0901 TuTh.....2:00pm- 3:15pm (Y 0105) STAFF
1001 MWF.....10:00am-10:50am (Y 0201) Lopez-Escobar,
1101 TuTh.....3:30pm- 4:45pm (Y 0105) STAFF

MATH462 Partial Differential Equations For Scientists and Engineers; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses - MATH 462 and MATH 415. 3 credits
0101 MWF.....8:00am- 8:50am (Y 0302) Chu, H
0201 MWF.....10:00am-10:50am (Y 0306) Currier, A
0301 TuTh.....9:30am-10:45am (Y 1308) Benedetto, J

MATH463 Complex Variables For Scientists and Engineers; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses - MATH 463 and MATH 413. 3 credits
0101 MWF.....10:00am-10:50am (Y 0303) Johnson, R
0201 MWF.....9:00am- 9:50am (Y 1311) Ellis, R
0401 MWF.....2:00pm- 2:50pm (Y 0411) Correl, E
0501 TuTh.....2:00pm- 3:15pm (Y 1313) STAFF
0601 TuTh.....12:30pm- 1:45pm (Y 1311) Zedek, M
0701 MWF.....1:00pm- 1:50pm (Y 0302) Sebbar, A
0801 MWF.....11:00am-11:50am (Y 1311) Sather, J

MATH464 Transform Methods For Scientists and Engineers; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (Y B0423) Berenstein, C
0201 TuTh.....3:30pm- 4:45pm (Y 0411) Olver, F

MATH475 Combinatorics and Graph Theory; Grade Method: REG/P-F; 3 credits
0101 TuTh.....12:30pm- 1:45pm (Y B0427) Alexander, J
0201 TuTh.....12:30pm- 1:45pm (J 2107) Atchison, W

MATH478A Selected Topics For Teachers of Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. MATH 478A cannot be used toward the upper level MATH requirements for MATH/STAT majors. Earn credit for assisting in the classroom for selected mathematics courses. For further information come to Y1117. 1-3 credits

MATH498A Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

MATH498B Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

MATH498C Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

MATH498D Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

MATH498G Selected Topics in Mathematics: Classical Problems in Mathematical Science; Grade Method: REG/P-F/AUD; Prerequisites: MATH 241, MATH 246, PHYS 262 or PHYS 293, or consent of instructor. 3 credits
0701 MWF.....2:00pm- 2:50pm (ITV 1111) Antman, S

MATH600 Abstract Algebra I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (Y 1308) Rosenberg, J

MATH608A Selected Topics in Algebra; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH608B Selected Topics in Algebra: Algebraic Geometry; Grade Method: REG/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (Y 0302) STAFF

MATH620 Algebraic Number Theory I; Grade Method: REG/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (Y 0301) Schafer, J

MATH630 Real Analysis I; Grade Method: REG/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (Y 0301) Herb, R
0201 MWF.....9:00am- 9:50am (Y B0427) Warner, C

MATH632 Functional Analysis; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (Y B0431) Horvath, J

MATH642 Dynamical Systems I; Grade Method: REG/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (Y B0421) STAFF

MATH648A Selected Topics in Analysis; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH648B Selected Topics in Analysis: Advanced Topics in ODE; Grade Method: REG/AUD; 3 credits
0201 TuTh.....2:00pm- 3:15pm (Y 0411) Alexander, J

MATH648C Selected Topics in Analysis: Stochastic Processes; Grade Method: REG/AUD; 3 credits
0301 MWF.....9:00am- 9:50am (Y B0431) Syski, R

MATH660 Complex Analysis I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (Y 0107) Hamilton, D

MATH668A Selected Topics in Complex Analysis; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH668C Selected Topics in Complex Analysis; Grade Method: REG/AUD; 3 credits
0301 TuTh.....3:30pm- 4:45pm (Y 0401) Berenstein, C

MATH670 Ordinary Differential Equations I; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (Y 0302) Chu, H

MATH673 Classical Methods in Partial Differential Equations I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (Y B0427) Evans, L

MATH680 Eigenvalue and Boundary Value Problems I; Grade Method: REG/AUD; 3 credits
0101 TuTh..... 9:30am-10:45am (Y 0107) Maddocks, J

MATH685 Modern Methods in Partial Differential Equations I; Grade Method: REG/AUD; 3 credits
0101 MWF.....11:00am-11:50am (Y B0423) STAFF

MATH712 Mathematical Logic I; Grade Method: REG/AUD; 3 credits
0101 MWF.....11:00am-11:50am (Y 0302) Kueker, D

MATH718A Selected Topics in Mathematical Logic; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH718B Selected Topics in Mathematical Logic; Grade Method: REG/AUD; 3 credits
0201 MWF.....1:00pm- 1:50pm (J 1110) Kueker, D

MATH730 Fundamental Concepts of Topology; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (Y 0302) Green, P

MATH740 Riemannian Geometry; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (Y B0427) Reinhart, B

MATH748A Selected Topics in Geometry and Topology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH748B Selected Topics in Geometry and Topology; Grade Method: REG/AUD; 3 credits
0201 TuTh.....12:30pm- 1:45pm (Y 0301) Wolpert, S

MATH748C Selected Topics in Geometry and Topology: Braid Groups; Grade Method: REG/AUD; 3 credits
0301 MWF.....1:00pm- 1:50pm (Y B0431) STAFF

MATH799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MATH899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

MEES Marine - Estuarine - Environmental Sciences (Life Sciences)

MEES440 Essentials of Toxicology; Grade Method: REG/P-F/AUD; 2 credits
0101 W.....3:00pm- 5:00pm (F 1108) Eccles, C

MEES498B Topics in Marine-Estuarine-Environmental Sciences: Avian Population Analysis and Management; Grade Method: REG/AUD; Course given at Appalachian Environmental Laboratory 3 credits
0101 WF.....9:00am- 9:50am (Arranged) Drobney, R
F.....10:00am-11:50am (Arranged) LAB

MEES608A Seminar in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD; 1 credit
0101 Tu.....4:00pm- 6:00pm (F 1108) Menzer, R

MEES608B Seminar in Marine-Estuarine-Environmental Sciences: Primary Productivity and Nutrient Cycling; Grade Method: REG/AUD; Course given at Chesapeake Biological Laboratory. 1 credit
0101 Time and room to be arranged Boynton, W

MEES608C Seminar in Marine-Estuarine-Environmental Sciences: Current Concepts in Marine Animal Nutrition; Grade Method: REG/AUD; Course given at Horn Point Environmental Laboratory. 1 credit
0101 Time and room to be arranged Newell, R

MEES608E Seminar in Marine-Estuarine-Environmental Sciences: Seminar in Wildlife/Fisheries; Grade Method: REG/AUD; Course given at Appalachian Environmental Laboratory. 1 credit
0101 Time and room to be arranged Hoogland, J

MEES611 Systems Ecology of Estuaries; Grade Method: REG/AUD; 3 credits
0101 Tu.....12:30pm- 3:15pm (Arranged) Kemp, W

MEES681 Coastal Resource Use, Law and Management: the Chesapeake; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:00pm- 8:30pm (0 0200) Strand Jr., I

MEES698K Special Topics in Marine-Estuarine-Environmental Sciences: Physics and Geology of Marine and Estuarine Environments; Grade Method: REG/AUD; 3 credits
0101 Th.....12:30pm- 3:15pm (LL 0204) Boicourt, W

MEES698M Special Topics in Marine-Estuarine-Environmental Sciences: Wildlife Management and Ecology; Grade Method: REG/AUD; Course given at Appalachian Environmental Laboratory. 4 credits
0101 TuTh.....1:00pm- 1:50pm (Arranged) Hoogland, J
MW.....1:00pm- 2:50pm (Arranged) LAB

MEES698N Special Topics in Marine-Estuarine-Environmental Sciences: Geochemical Modeling; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:15pm (F 1102) Rice, D

MEES699 Special Problems in Marine-Estuarine-Environmental Sciences; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

MEES799 Masters Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

MEES899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits
(PermReq)

MET0 Meteorology (Comp, Math, & Phys Sci)

MET0100 Weather and Life; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (C 0115) Thompson, O

MET0386 Field Work; Grade Method: REG/P-F/AUD; 1 credit
0101 Time and room to be arranged Vernekar, A

MET0387 Field Work Analysis; Grade Method: REG/P-F/AUD; 2 credits
0101 Time and room to be arranged Vernekar, A

MET0410 General Meteorology I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CSS 2114) Atlas, D

MET0416 Introduction to Atmospheric Dynamics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (CSS 2114) Kinter III, J

MET0434 Air Pollution; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (C 0127) Dickerson, R

MET0461 Synoptic Meteorology II; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....1:00pm- 1:50pm (CSS 2114) Huffman, G

MET0499 Special Problems in Atmospheric Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

MET0611 Dynamic Meteorology II; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged STAFF

MET0614 Numerical Weather Prediction; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Baer, F

MET0616 Planetary Fluid Dynamics; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 Time and room to be arranged Rao, D

MET0617 General Circulation of the Atmosphere; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (CSS 2114) Vernekar, A

MET0620 Atmospheric Radiation; Grade Method: REG/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (CSS 2114) Ellingson, R

MET0640 Micro-meteorology; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 2114) Pinker, R

MET0658E Special Topics in Meteorology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

MET0799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

MET0899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits
(PermReq)

MICB Microbiology (Life Sciences)

MICB100 Basic Microbiology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
0101 MWF.....10:00am-10:50am (E 2242) Cook, T
MW.....9:00am-10:00am (T 2113) LAB
0102 MWF.....10:00am-10:50am (E 2242) Cook, T
MW.....11:00am-12:00pm (T 2113) LAB
0103 MWF.....10:00am-10:50am (E 2242) Cook, T
MW.....1:00pm- 2:00pm (T 2113) LAB
0104 MWF.....10:00am-10:50am (E 2242) Cook, T
MW.....2:00pm- 3:00pm (T 2113) LAB
0105 MWF.....10:00am-10:50am (E 2242) Cook, T
MW.....11:00am-12:00pm (T 2106) LAB
0106 MWF.....10:00am-10:50am (E 2242) Cook, T
MW.....1:00pm- 2:00pm (T 2106) LAB
0107 MWF.....10:00am-10:50am (E 2242) Cook, T
MW.....9:00am-10:00am (T 2106) LAB
0108 MWF.....10:00am-10:50am (E 2242) Cook, T
MW.....2:00pm- 3:00pm (T 2106) LAB

MICB200 General Microbiology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: two semesters of chemistry. Required for all MICB majors and prerequisite for all other departmental courses for MICB majors. Labs will start on first day of classes. 4 credits
0101 TuTh.....11:00am-11:50am (T 0200) Weiner, R
MW.....9:00am-11:00am (T 2105) LAB
0102 TuTh.....11:00am-11:50am (T 0200) Weiner, R
MW.....9:00am-11:00am (T 2109) LAB
0103 TuTh.....11:00am-11:50am (T 0200) Weiner, R
MW.....12:00pm- 2:00pm (T 2105) LAB
0104 TuTh.....11:00am-11:50am (T 0200) Weiner, R
MW.....12:00pm- 2:00pm (T 2109) LAB
0106 TuTh.....11:00am-11:50am (T 0200) Weiner, R
MW.....2:00pm- 4:00pm (T 2105) LAB
0107 TuTh.....11:00am-11:50am (T 0200) Weiner, R
MW.....2:00pm- 4:00pm (T 2109) LAB
0109 TuTh.....11:00am-11:50am (T 0200) Weiner, R
TuTh.....9:00am-11:00am (T 2105) LAB
0110 TuTh.....11:00am-11:50am (T 0200) Weiner, R
TuTh.....9:00am-11:00am (T 2109) LAB
0112 TuTh.....11:00am-11:50am (T 0200) Weiner, R
TuTh.....12:00pm- 2:00pm (T 2105) LAB
0113 TuTh.....11:00am-11:50am (T 0200) Weiner, R
TuTh.....12:00pm- 2:00pm (T 2109) LAB
0114 TuTh.....11:00am-11:50am (T 0200) Weiner, R
TuTh.....12:00pm- 2:00pm (T 2119) LAB
0115 TuTh.....11:00am-11:50am (T 0200) Weiner, R
TuTh.....2:00pm- 4:00pm (T 2105) LAB
0116 TuTh.....11:00am-11:50am (T 0200) Weiner, R
TuTh.....2:00pm- 4:00pm (T 2109) LAB
0117 TuTh.....11:00am-11:50am (T 0200) Weiner, R
TuTh.....6:00pm- 8:00pm (T 2105) LAB

MICB379 Honors Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Open only to dept. honors students. 2-3 credits
(PermReq)

MICB388 Special Topics in Microbiology; Grade Method: REG/P-F/AUD; Prerequisite: two lab courses in microbiology. May be repeated but only 4 credits may be applied to major requirements. 1-4 credits
(PermReq)
0101 Time and room to be arranged Joseph, S

MICB388B Special Topics in Microbiology: Special Topics in Microbiology Research Projects; Grade Method: REG/P-F/AUD; Prerequisite: two lab courses in microbiology. May be repeated but only four credits may be applied to major requirements. 1-4 credits
0101 Time and room to be arranged Joseph, S

MICB388C Special Topics in Microbiology: Unusual and Extraordinary Pathogenic Microorganisms; Grade Method: REG/P-F/AUD; Prerequisite: MICB440 or permission of instructor. 3 credits
0101 MW.....4:00pm- 5:30pm (T 0124) Jerrells, T

MICB388D Special Topics in Microbiology: Computer Applications in Microbiology; Grade Method: REG/AUD; 2 credits
(PermReq)
0101 TuTh.....4:00pm- 4:50pm (O 1308) STAFF

MICB399 Microbiological Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite - 16 credits in MICB. May be repeated, but only 3 credits can be applied to major requirements. 3 credits
(PermReq)

MICB400 Systematic Microbiology; Grade Method: REG/P-F/AUD; 8 credits in microbiology required. 2 credits
0101 TuTh.....4:00pm- 4:50pm (T 0124) Grimes, D

MICB440 Pathogenic Microbiology; Grade Method: REG/P-F/AUD; 4 credits
0101 MW.....11:00am-11:50am (LL 0220) Stein, D
TuTh.....9:00am-11:00am (T 2113) LAB
0102 MW.....11:00am-11:50am (LL 0220) Stein, D
TuTh.....9:00am-11:00am (T 2106) LAB
0103 MW.....11:00am-11:50am (LL 0220) Stein, D
TuTh.....11:00am- 1:00pm (T 2113) LAB
0104 MW.....11:00am-11:50am (LL 0220) Stein, D
TuTh.....11:00am- 1:00pm (T 2106) LAB
0105 MW.....11:00am-11:50am (LL 0220) Stein, D
TuTh.....1:00pm- 3:00pm (T 2113) LAB
0106 MW.....11:00am-11:50am (LL 0220) Stein, D
TuTh.....1:00pm- 3:00pm (T 2106) LAB
0107 MW.....11:00am-11:50am (LL 0220) Stein, D
TuTh.....3:00pm- 5:00pm (T 2113) LAB
0108 MW.....11:00am-11:50am (LL 0220) Stein, D
TuTh.....3:00pm- 5:00pm (T 2106) LAB

MICB470 Microbial Physiology; Grade Method: REG/P-F/AUD; Prerequisites: 8 credits in MICB and BCHM 461, 462. 3 credits
0101 MWF.....11:00am-11:50am (T 0124) MacQuillan, A

MICB480 Microbial Ecology; Grade Method: REG/P-F/AUD; Prerequisites: MICB 200 and one course in organic chemistry. 3 credits
0101 MWF.....1:00pm- 1:50pm (T 0124) Singleton, F

MICB688 Special Topics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits
(PermReq)

MICB688A Special Topics: Current Topics in Immunology; Grade Method: REG/AUD; — 1 credit
(PermReq)
0101 Time and room to be arranged — Roberson, B

MICB688B Special Topics: Current Topics in Virology; Grade Method: REG/AUD; — 1 credit
(PermReq)
0101 Time and room to be arranged — Hetrick, F

MICB688C Special Topics: Selected Topics in Marine Ecology; Grade Method: REG/AUD; — 1 credit
(PermReq)
0101 F.....1:00pm- 2:00pm (T 2131A) — Weiner, R

MICB688D Special Topics: Current Topics in Molecular Biology; Grade Method: REG/AUD; — 1 credit
(PermReq)
0101 Time and room to be arranged — Stein, D

MICB688E Special Topics: Current Topics in Microbiological Genetics; Grade Method: REG/AUD; — 1 credit
(PermReq)
0101 Time and room to be arranged — Voll, M

MICB688F Special Topics: Current Topics in Bacterial Metabolism and Physiology; Grade Method: REG/AUD; — 1 credit
(PermReq)
0101 Time and room to be arranged — MacQuillan, A

MICB688G Special Topics: Current Topics in Fermentation Microbiology; Grade Method: REG/AUD; — 1 credit
(PermReq)
0101 Time and room to be arranged — Cook, T

MICB688J Special Topics: Current Topics in Bacterial Pathogenesis; Grade Method: REG/AUD; — 1 credit
(PermReq)
0101 Time and room to be arranged — Joseph, S

MICB688K Special Topics: Current Topics in Systematics; Grade Method: REG/AUD; — 1 credit
(PermReq)
0101 Time and room to be arranged — Colwell, R

MICB688L Special Topics: Unusual and Extraordinary Pathogenic Microorganisms; Grade Method: REG/AUD; — 3 credits
0101 MW.....4:00pm- 5:30pm (T 0124) — Jerrells, T

MICB688M Special Topics: Computer Applications in Microbiology; Grade Method: REG/AUD; — 2 credits
(PermReq)
0101 TuTh.....4:00pm- 4:50pm (0 1308) — STAFF

MICB688Q Special Topics: Current Topics in Molecular Evolution; Grade Method: REG/AUD; — 1 credit
(PermReq)
0101 Time and room to be arranged — Macdonell, M

MICB780 Genetics of Microorganisms; Grade Method: REG/AUD; — 2 credits
0101 TuTh.....10:00am-11:00am (T 0124) — Voll, M

MICB781 Microbial Genetics Laboratory; Grade Method: REG/AUD; — 2 credits
0101 TuTh.....1:00pm- 4:00pm (T 2122) LAB — Voll, M

MICB788 Seminar; Grade Method: REG/AUD; — 1 credit
0101 TuTh.....2:00pm- 2:50pm (T 0124) — STAFF
F.....12:00pm-12:50pm (T 0124)
F.....3:00pm- 5:00pm (T 0124) DIS

MICB799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits
(PermReq)

MICB899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits
(PermReq)

MUED Music Education (Education)

MUED411 Instructional Music: Methods and Materials For the Elementary School; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....9:00am-11:00am (NN 1123) — Gallagher, C
Tu.....8:00am- 8:50am (NN 1102) LAB

MUED450 Music in Early Childhood Education; Grade Method: REG/AUD; Pre-early childhood and early childhood education majors only. — 3 credits
0101 TuTh.....11:00am-11:50am (00 1107) — Saunders, C
Tu.....1:00pm- 1:50pm (NN 2123) LAB
0201 TuTh.....11:00am-11:50am (00 1107) — Saunders, C
Tu.....2:00pm- 2:50pm (NN 2123) LAB

MUED470 General Concepts For Teaching Music; Grade Method: REG/AUD; Concurrent registration in MUED 411 or MUED 471 required. Limited to music education majors. — 1 credit
0101 TuTh.....11:30am-12:30pm (NN 3238) — Saunders, C

MUED471 Methods For Teaching Elementary General Music; Grade Method: REG/AUD; Concurrent registration in MUED 470 required. Limited to music education majors. — 3 credits
0101 TuTh.....9:00am-11:00am (NN 3238) — STAFF

MUED499A Workshops, Clinics, Institutes: Band Arranging; Grade Method: REG/AUD; — 2 credits
0101 Th.....6:00pm- 8:00pm (NN 2123) — Gallagher, C

MUED692 Foundations of Music Education; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:30pm (NN 3238) — Folstrom, R

MUED698A Current Trends in Music Education: Band Arranging; Grade Method: REG/AUD; — 2 credits
0101 Th.....6:00pm- 8:00pm (NN 2123) — Gallagher, C

MUSC Music (Arts and Humanities)

MUSC100A Beginning Class Voice; Grade Method: REG; Limited to non-music majors. — 2 credits
0101 TuTh.....9:30am-10:20am (NN 3228) — Tate, M
0201 MW.....10:00am-10:50am (NN 3228) — Tate, M
0301 MW.....9:00am- 9:50am (NN 3228) — Tate, M
0401 MW.....12:00pm-12:50pm (NN 3228) — Whitmire, M
0501 MW.....11:00am-11:50am (NN 3131) — Whitmire, M
0601 TuTh.....11:00am-11:50am (NN 3228) — Whitmire, M

MUSC102 Beginning Class Piano I; Grade Method: REG; Limited to MUED and MUSC majors with little or no piano experience. — 2 credits
0101 MWF.....12:00pm-12:50pm (NN 3218) — Kulb, S

MUSC102A Beginning Class Piano I; Grade Method: REG; Limited to MUED and MUSC majors with previous piano experience. — 2 credits
0101 MWF.....10:00am-10:50am (NN 3218) — Elliston, R

MUSC102B Beginning Class Piano I; Grade Method: REG/P-F; Limited to non-music majors. — 2 credits
0101 TuTh.....9:30am-10:45am (NN 3218) — Tapia, J
0201 TuTh.....12:30pm- 1:45pm (NN 3218) — Tapia, J

MUSC113 Class Study: Violin; Grade Method: REG/AUD; Limited to MUED majors. — 2 credits
0101 MWF.....9:00am- 9:50am (NN 1123) — Berman, J
Tu.....8:00am- 8:50am (NN 1123) LAB

MUSC116 Class Study: Clarinet; Grade Method: REG/AUD; Limited to MUED majors. — 2 credits
0101 MWF.....10:00am-10:50am (NN 1123) — Heim, N
Tu.....8:00am- 8:50am (NN 1102) LAB

MUSC120 Class Study: Cornet; Grade Method: REG/AUD; Limited to MUED majors. — 2 credits
0101 MWF.....8:00am- 8:50am (NN 1123) — Gallagher, C
Tu.....8:00am- 8:50am (NN 1102) LAB

MUSC123 Movement For Singers; Grade Method: REG/P-F/AUD; — 1 credit
0101 MW.....11:00am-11:50am (NN 3228) — Balthrop, C

MUSC126 Vocal Diction: English and Latin; Grade Method: REG/AUD; — 1 credit
0101 TuTh.....11:00am-11:50am (NN 3131) — Mabbs, L

MUSC128 Sight Reading For Pianists; Grade Method: REG; — 2 credits
0101 TuTh.....10:00am-10:50am (NN 3129) — Garvey, E

MUSC129A Ensemble: Chamber Music - Strings; Grade Method: REG; — 1 credit
0101 TBA (NN 2239) — Berman, J
0201 TBA (NN 3120B) — Elsing, E
0301 Time and room to be arranged — Steinhardt, A
0401 Time and room to be arranged — Tree, M
0501 Time and room to be arranged — Soyer, D
0601 Time and room to be arranged — Dalley, J

MUSC129B Ensemble: Chamber Music - Woodwinds; Grade Method: REG; — 1 credit
0101 TBA (NN 3125) — Montgomery, W
0301 TBA (NN 1127) — Jackson, R
0401 TBA (NN 3145) — Walters, E

MUSC129C Ensemble: Chamber Music - Brasses; Grade Method: REG; — 1 credit
0101 TBA (NN 2229) — Olson, O
0201 TBA (NN 3121) — Head, E
0301 Time and room to be arranged — Sparks, L

MUSC129D Ensemble: Clarinet Choir; Grade Method: REG; — 1 credit
0101 MF.....12:00pm-12:50pm (NN 1123) — Heim, N

MUSC129E Ensemble: Chamber Music - Brass Choir; Grade Method: REG; — 1 credit
0101 MW.....12:00pm-12:50pm (NN 1102) — Olson, O

MUSC129F Ensemble: Chamber Music - Percussion Ensemble; Grade Method: REG; — 1 credit
0101 TuTh.....11:00am-12:15pm (NN 1102) — Barnett, R

MUSC129G Ensemble: Chamber Music - Percussion Keyboard Ensemble; Grade Method: REG; — 1 credit
0101 TBA (NN 1205) — Barnett, R

MUSC129I Ensemble: Chamber Music - Twentieth Century Ensemble; Grade Method: REG; — 1 credit
0101 Time and room to be arranged — Gibson, R

MUSC129J Ensemble: Chamber Music - Jazz Ensemble; Grade Method: REG; — 1 credit
0101 MW.....5:30pm- 7:30pm (NN 1102) — Ross, G
0201 MWF.....1:00pm- 1:50pm (NN 1102) — Ross, G

MUSC129K Ensemble: Chamber Music - Non-Western Ensemble; Grade Method: REG; — 1 credit
0101 TBA (NN 3108) — Robertson, C

MUSC129L Ensemble: Chamber Music Mixed Media; Grade Method: REG; — 1 credit
0101 TBA (NN 3125) — Montgomery, W

MUSC129M Ensemble: Chamber Music - Flute Choir; Grade Method: REG; — 1 credit
0101 TuTh.....2:00pm- 3:15pm (NN 3116) — Montgomery, W

MUSC129T Ensemble: Tuba; Grade Method: REG/AUD; — 1 credit
0101 TuTh.....9:30am-11:00am (NN 1102) — Sparks, L

MUSC130 Survey of Music Literature; Grade Method: REG/P-F; Meets USP Distributive Studies (C) Literature and the Arts requirement; Limited to non-music majors. — 3 credits
0101 MWF.....10:00am-10:50am (NN 2102) — Troth, E
0201 TuTh.....9:30am-10:45am (NN 2102) — Davis, S
0301 MWF.....9:00am- 9:50am (NN 2102) — Troth, E

MUSC140 Music Fundamentals I; Grade Method: REG/P-F; Meets USP Distributive Studies (C) Literature and the Arts requirement; Limited to non-music majors. — 3 credits
0101 MWF.....11:00am-11:50am (NN 3238) — STAFF
0201 TuTh.....8:00am- 9:30am (NN 2102) — Olson, O

MUSC150 Theory of Music I; Grade Method: REG; Open only to majors in music and music education. — 3 credits
0101 MWF.....9:00am- 9:50am (NN 2123) — DeLio, T
TuTh.....9:00am- 9:50am (NN 2123) LAB
0102 MWF.....9:00am- 9:50am (NN 2123) — DeLio, T
TuTh.....9:00am- 9:50am (NN 2138) LAB
0201 TuThF.....9:00am- 9:50am (NN 2135) — Payerle, L
MW.....9:00am- 9:50am (NN 2135) LAB
0202 TuThF.....9:00am- 9:50am (NN 2135) — Payerle, L
MW.....9:00am- 9:50am (NN 2138) LAB

MUSC155 Fundamentals For the Classroom Teacher; Grade Method: REG/P-F/AUD; Open to early childhood, elementary, and pre-education students. — 3 credits
0101 MWF.....10:00am-10:50am (NN 2123) — Saunders, C
0201 MWF.....11:00am-11:50am (NN 2123) — STAFF
0301 TuTh.....12:00pm- 1:15pm (NN 2138) — STAFF
0401 TuTh.....3:30pm- 4:45pm (NN 2123) — STAFF

MUSC200A Intermediate Class Voice I; Grade Method: REG; Prerequisite: MUSC 100A. Limited to non-music majors. — 2 credits
0101 TuTh.....11:00am-12:00pm (NN 2138) — STAFF

MUSC202 Intermediate Class Piano I; Grade Method: REG; Prerequisite: MUSC 103 or permission of instructor. Only for voice and instrumental principals with limited piano experience. — 2 credits
0101 MWF.....9:00am- 9:50am (NN 3218) — Kulb, S

MUSC202A Intermediate Class Piano I; Grade Method: REG; Prerequisite: MUSC 103 or permission of instructor. Limited to piano principals and voice majors with piano minor. — 2 credits
0101 TuTh.....11:00am-12:15pm (NN 3218) — Kluge, K

MUSC215 The Art of the Performer; Grade Method: REG/P-F; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 MWF.....10:00am-10:50am (NN 1125) — Walters, E

MUSC217 Class Composition I; Grade Method: REG; Prerequisite: MUSC 151 and permission of instructor. — 2 credits
0101 Tu.....2:00pm- 4:00pm (NN 2135) — Moss, L

MUSC228 Accompanying For Pianist; Grade Method: REG/AUD; — 2 credits
0101 TuTh.....11:00am-12:15pm (NN 2237) — McCoy, R

MUSC229A Ensemble: Orchestra; Grade Method: REG; — 1 credit
0101 MWF.....3:00pm- 5:00pm (NN 1102) — Hudson, W

MUSC229D Ensemble: Symphonic Wind Ensemble; Grade Method: REG; — 1 credit
0101 TuTh.....3:30pm- 5:45pm (NN 1102) — Wakefield, J

MUSC229E Ensemble: Concert Band; Grade Method: REG; — 1 credit
0101 TuTh.....2:00pm- 3:15pm (NN 1102) — Sparks, L

MUSC229F Ensemble: Marching Band; Grade Method: REG; — 1 credit
0101 MWF.....3:00pm- 5:00pm (Arranged) — Sparks, L

MUSC229G Ensemble: Marching Band Repertoire; Grade Method: REG; Concurrent registration with MUSC229F required. — 1 credit
0101 Th.....6:00pm- 8:00pm (NN 1102) — Sparks, L

MUSC229I Ensemble: Marching Band Auxiliary; Grade Method: REG; Concurrent registration in MUSC 229F is required. — 1 credit
0101 TuTh.....8:00pm-10:00pm (NN 1102) — Sparks, L

MUSC229R Ensemble: Repertoire Orchestra; Grade Method: REG/AUD; — 1 credit
0101 Tu.....7:30pm- 9:30pm (NN 1102) — Head, E

MUSC230 History of Music I; Grade Method: REG/AUD; Prerequisite: functional knowledge of the language and grammar of music. — 3 credits
0101 TuTh.....11:00am-12:15pm (NN 2123) — Davis, S

MUSC248 Special Problems in Music: Clarinet Class for Non-Music Majors; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....11:00am-11:50am (NN 1219C) — Heim, N

MUSC250 Advanced Theory of Music I; Grade Method: REG; Prerequisite: MUSC 151. — 4 credits
0101 MWF.....10:00am-10:50am (NN 2135) — Gibson, R
TuTh.....10:00am-10:50am (NN 2135) LAB
0102 MWF.....10:00am-10:50am (NN 2135) — Gibson, R
TuTh.....10:00am-10:50am (NN 3116) LAB
0201 TuThF.....10:00am-10:50am (NN 2138) — Payerle, L
MW.....10:00am-10:50am (NN 2138) LAB
0202 TuThF.....10:00am-10:50am (NN 2138) — Payerle, L
MW.....10:00am-10:50am (NN 3238) LAB

MUSC329A Ensemble: University of Maryland Chorale; Grade Method: REG; Open by audition. — 1 credit
0101 TuTh.....3:30pm- 5:30pm (NN 2102) — Folstrom, R

MUSC329D Ensemble: University Chorus; Grade Method: REG; Open by audition. — 1 credit
0101 Tu.....7:30pm-10:00pm (NN 2102) — Traver, P

MUSC329E Ensemble: Gospel Choir; Grade Method: REG; — 1 credit
0101 Th.....7:00pm-10:00pm (NN 2102) — Foster, V

MUSC330 History of Music II; Grade Method: REG/AUD; Limited to music majors. Romantic era to present. — 3 credits
0101 MWF.....2:00pm- 2:50pm (NN 3116) — Helm, E

MUSC331 History of Music III; Grade Method: REG/AUD; Prerequisite: MUSC 230 and 330. Limited to music majors. Antiquity through baroque era. — 3 credits
0101 MWF.....2:00pm- 2:50pm (NN 2135) — Serwer, H

MUSC339 Honors in Music; Grade Method: REG; Concurrent registration in MUSC 349 required. — 3 credits
0101 Time and room to be arranged — Helm, E

MUSC340 Music Literature Survey I; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: MUSC 130 or MUSC 140 or equivalent. — 3 credits
0101 MW.....2:00pm- 2:50pm (NN 3238) — Troth, E
MW.....3:00pm- 3:50pm (NN 3238) LAB

MUSC345 Jazz Theory and Improvisation I; Grade Method: REG/AUD; Prerequisite: MUSC 251 or permission of instructor. — 3 credits
0101 W.....7:30pm-10:00pm (NN 1102) — Ross, G

MUSC349 Honors Seminar in Music; Grade Method: REG; Concurrent enrollment in MUSC 339 required. — 1 credit
0101 Th.....12:30pm- 2:00pm (NN 3107) — Helm, E

MUSC379 Opera Workshop; Grade Method: REG/AUD; — 2 credits
0101 TuTh.....2:00pm- 3:15pm (NN 3228) — Mangold, M

MUSC388 Music Internship; Grade Method: REG; Must be elected concurrently with MUSC 389. — 3 credits
(PermReq)
0101 TBA (NN 2114) — Cooper, J

MUSC389 Music Internship Analysis; Grade Method: REG; Must be elected concurrently with MUSC 388. — 1 credit
(PermReq)
0101 TBA (NN 2114) — Cooper, J

MUSC400I Music Pedagogy; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to Instrument majors. — 3 credits

MUSC428 Repertoire Coaching of Vocal or Chamber Music; Grade Method: REG; — 2 credits
0101 Time and room to be arranged — Elliston, R
0201 TBA (NN 3129) — Garvey, E

MUSC429 Opera Theater; Grade Method: REG/AUD; — 2-3 credits
0101 MW.....3:00pm- 4:30pm (NN 3228) — Mangold, M

MUSC439A Collegium Musicum: Vocal; Grade Method: REG; — 1 credit
0101 MW.....3:00pm- 4:30pm (NN 2138) — Traver, P

MUSC439B Collegium Musicum: Instrumental; Grade Method: REG; — 1 credit
0101 MW.....4:00pm- 5:30pm (NN 1123) — Wexler, R

MUSC443 Solo Vocal Literature; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....4:30pm- 6:00pm (NN 2138) — Pennington, K

MUSC445 Survey of the Opera; Grade Method: REG/AUD; — 3 credits
0101 WF.....12:30pm- 1:45pm (NN 3116) — Serwer, H

MUSC448 Special Topics in Music; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2-6 credits
(PermReq)

MUSC448A Special Topics in Music: Women and Music in Cross-Cultural Perspective; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:30pm- 6:00pm (NN 3116) — Robertson, C

MUSC448C Special Topics in Music: Repertoire for Clarinet and Strings; Grade Method: REG/AUD; — 2 credits
0101 TBA (NN 1219C) — Heim, N

MUSC448D Special Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; Grade Method: REG/P-F/AUD; Open by audition. — 2 credits
0101 Tu.....7:00pm- 9:30pm (NN 3218) — Elliston, R
0201 W.....7:00pm- 9:30pm (NN 3218) — Wells, R

MUSC448F Special Topics in Music: Theories of Heinrich Schenker; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:30pm (NN 2135) — DeLio, T

MUSC448G Special Topics in Music: Piano Technology I-III; Grade Method: REG/AUD; — 2 credits
0101 Time and room to be arranged — Traver, P

MUSC448I Special Topics in Music: Guarneri String Quartet Masterclass; Grade Method: REG/AUD; — 2 credits
0101 Time and room to be arranged — Dalley, J
0201 Time and room to be arranged — Soyer, D
0301 Time and room to be arranged — Steinhardt, A
0401 Time and room to be arranged — Tree, M

MUSC448J Special Topics in Music: The Business of Music I; Grade Method: REG/AUD; — 2 credits
0101 MW.....2:00pm- 2:50pm (NN 3131) — Walters, E

MUSC448K Special Topics in Music: The Business of Music II; Grade Method: REG/AUD; — 2 credits
0101 MW.....4:30pm- 5:20pm (NN 3131) — Walters, E

MUSC451 Analysis of Music; Grade Method: REG/AUD; — 3 credits
0101 M..... 1:00pm- 3:30pm (NN 2123) — DeLio, T

MUSC457 Electronic Music Composition; Grade Method: REG; — 2 credits
0101 Tu.....2:00pm- 4:00pm (NN 1231A) — Wilson, M
0201 W.....12:00pm- 2:00pm (NN 1231A) — Wilson, M

MUSC460 Tonal Counterpoint I; Grade Method: REG/AUD; — 2 credits
0101 TuTh.....2:00pm- 2:50pm (NN 3238) — Payerle, L

MUSC467 Piano Pedagogy I; Grade Method: REG/AUD; Limited to piano majors. — 3 credits
0101 MW.....11:30am- 1:00pm (NN 2102) — McFarlane, G

MUSC470 Harmonic and Contrapuntal Practices of the Twentieth Century; Grade Method: REG/AUD; — 2 credits
0101 TuTh.....11:00am-11:50am (NN 2135) — Wilson, M

MUSC481 Music in the Renaissance; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (NN 3116) — Wexler, R

MUSC486 Orchestration I; Grade Method: REG/AUD; — 2 credits
0101 MW.....12:00pm-12:50pm (NN 2123) — Gibson, R

MUSC490 Conducting; Grade Method: REG/AUD; Prerequisite: MUSC251. — 2 credits
0101 MWF.....1:00pm- 1:50pm (NN 2138) — Hudson, W
0201 MWF.....1:00pm- 1:50pm (NN 2135) — Cooper, J

MUSC499 Independent Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

MUSC608 Chamber Music Repertoire; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MUSC640 Performance Practice I; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:30pm (NN 3116) — Davis, S

MUSC643 Seminar in Solo Vocal Literature I; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....4:30pm- 6:00pm (NN 2138) — Pennington, K

MUSC648 Seminar in Music Research; Grade Method: REG/AUD; — 3 credits
0101 W.....9:30am-12:00pm (NN 3116) — Helm, E

MUSC671 Advanced Analytical Techniques II; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:30pm (NN 2138) — Moss, L

MUSC679 Seminar in Ethnomusicology; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:30pm- 6:00pm (NN 2135) — Robertson, C

MUSC681 Seminar in Music of the Renaissance; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:30pm (NN 3116) — Wexler, R

MUSC689 Advanced Conducting; Grade Method: REG/AUD; 3 credits
0101 MW.....4:30pm- 6:00pm (NN 2138) Traver, P
0201 TBA (NN 3267) Hudson, W
0301 TBA (NN 1108) Wakefield, J

MUSC699 Special Topics in Music; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-6 credits

MUSC699A Special Topics in Music: Women and Music in Cross-Cultural Perspective; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:00pm (NN 3116) Robertson, C

MUSC699C Special Topics in Music: Repertiore for Clarinet and Strings; Grade Method: REG/AUD; 2 credits
0101 TBA (NN 1219C) Heim, N

MUSC699D Special Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; Grade Method: REG/AUD; Open by audition. 2 credits
0101 Tu.....7:00pm- 9:30pm (NN 3218) Elliston, R
0201 W.....7:00pm- 9:30pm (NN 3218) Wells, R

MUSC699E Special Topics in Music: Teaching Music as a General Study; Grade Method: REG/AUD; 3 credits
0101 F.....11:00am- 1:00pm (NN 2135) Troth, E
F.....10:00am-11:00am (NN 2102)

MUSC699F Special Topics in Music: Theories of Heinrich Schenker; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:30pm (NN 2135) DeLio, T

MUSC699I Special Topics in Music: Guarneri String Quartet Masterclass; Grade Method: REG/AUD; 2 credits
0101 Time and room to be arranged Dalley, J
0201 Time and room to be arranged Soyer, D
0301 Time and room to be arranged Steinhardt, A
0401 Time and room to be arranged Tree, M

MUSC699J Special Topics in Music: The Business of Music I; Grade Method: REG/AUD; 2 credits
0101 MW.....2:00pm- 2:50pm (NN 3131) Walters, E

MUSC699K Special Topics in Music: The Business of Music II; Grade Method: REG/AUD; 2 credits
0101 MW.....4:30pm- 5:20pm (NN 3131) Walters, E

MUSC799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MUSC800I Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. For instrument majors. 3 credits

MUSC800P Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD; For piano majors. 3 credits
0101 M.....7:00pm- 9:30pm (NN 3129) McFarlane, G

MUSC800V Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD; For voice majors. 3 credits
0101 TuTh.....2:00pm- 3:15pm (NN 2138) Fleming, L

MUSC830I Doctoral Seminar in Music Literature; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. For instrument majors. 3 credits

MUSC830P Doctoral Seminar in Music Literature; Grade Method: REG/AUD; For piano majors. 3 credits
0101 MW.....11:30am- 1:00pm (NN 2211) Gowen, B

MUSC830V Doctoral Seminar in Music Literature; Grade Method: REG/AUD; For voice majors. 3 credits
0101 TuTh.....4:30pm- 6:00pm (NN 3238) McDonald, J

MUSC878 Advanced Composition; Grade Method: REG/AUD; 3 credits
0101 TBA (NN 1219B) Moss, L
0201 TBA (NN 1241) Delio, T
0301 TBA (NN 1231C) Wilson, M
0401 TBA (NN 1241A) Gibson, R

MUSC899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

MUSP Music Performance (Arts & Humanities)

Individual performance instruction courses in piano, voice and instruments are open to qualified major and non-major students by prior audition and permission of the Music Department Chairman.

Audition schedules, prerequisites, instructor section numbers, and registration permission forms may be obtained in the Department of Music Office.

INSTRUMENT DESIGNATION
Indicate the instrument chosen by adding a suffix to the course number.

SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT
A	Piano	J	Bassoon		
B	Voice	K	Saxophone	T	Composition
C	Violin	L	Horn	U	World inst undergrad
D	Viola	M	Trumpet	U	Conducting graduate
E	Cello	N	Trombone	V	Harp
F	Bass	O	Tuba	W	Electronic comp.
G	Flute	P	Euphonium	X	Hist inst - keyboard
H	Oboe	Q	Percussion	Y	Hist inst - strings
I	Clarinet			Z	Hist inst - winds

MINOR SERIES
Intended for either music majors studying a secondary instrument or non-music majors. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 102. Transfer students are evaluated for higher placement after one semester of study.

MUSP102, 103, 202, 203, 302, 303, 402, 403 2 credits
(PermReq) Music Performance; Minor Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,U,V,X,Y,Z
Time and room to be arranged.

PRINCIPAL SERIES
Intended for students majoring in music programs other than performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 109. Transfer students are evaluated for higher placement after one semester of study.

MUSP109, 110, 207, 208, 305, 306, 409, 410 2 or 4 credits
(PermReq) Music Performance; Principal Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,X,Y,Z
Time and room to be arranged.

MUSP609 Interpretation and Repertoire 2 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,X
Time and room to be arranged.

MUSP610 Graduate Music Performance 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,X
Time and room to be arranged.

MUSP619 Interpretation and Repertoire 2 or 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,V,W
Time and room to be arranged.

MUSP620 Graduate Music Performance 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,V,W
Time and room arranged.

MUSP719 Interpretation and Repertoire 2 or 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP815 Interpretation, Performance, and Pedagogy 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP816 Interpretation, Performance, and Pedagogy 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP817 Interpretation, Performance, and Pedagogy 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

NUSC Nutritional Science (Agriculture)

NUSC402 Fundamentals of Nutrition; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (C 0119) Thomas, O

NUSC425 International Nutrition; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MW.....4:00pm- 5:15pm (H 0108) STAFF

NUSC460 Therapeutic Human Nutrition; Grade Method: (PermReq) REG/P-F/AUD; Prerequisite: NUSC 425. 3 credits
0101 M.....1:00pm- 3:00pm (H 3418) Taylor, M
Tu.....4:00pm- 6:00pm (H 3209) LAB
0102 M.....1:00pm- 3:00pm (H 3418) Taylor, M
W.....2:00pm- 4:00pm (H 3418) LAB
0103 M.....1:00pm- 3:00pm (H 3418) Taylor, M
F.....10:00am-12:00pm (H 1413B) LAB

NUSC698 Seminar in Nutrition; Grade Method: REG/AUD; 1-3 credits
0101 Tu.....4:00pm- 4:50pm (C 0127) Soares Jr, J

NUSC699 Problems in Nutrition; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

NUSC799 Master's Thesis Research; Grade Method: (PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

NUSC899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

NUTR Nutrition (Human Ecology)

NUTR100 Elements of Nutrition; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MWF.....10:00am-10:50am (Q 0130) Ahrens, R

NUTR200 Nutrition For Health Services; Grade Method: REG/P-F/AUD; Pre or co-requisite: (PermReq) CHEM 104, ZOOL 201 or 202. 3 credits
0101 TuTh.....1:00pm- 1:50pm (T 0124) Prather, M
M.....11:00am-12:50pm (H 3209) LAB
0102 TuTh.....1:00pm- 1:50pm (T 0124) Prather, M
M.....2:00pm- 3:50pm (H 3209) LAB
0103 TuTh.....1:00pm- 1:50pm (T 0124) Prather, M
W.....12:00pm- 1:50pm (H 3209) LAB

NUTR300 Science of Nutrition; Grade Method: (PermReq) REG/P-F/AUD; Prerequisites: NUTR 100, ZOOL202 or 211; and BCHM261 or 461. 4 credits
0101 MWF.....1:00pm- 1:50pm (H 1400) Williams, E
M.....4:00pm- 6:00pm (H 3209) LAB
0102 MWF.....1:00pm- 1:50pm (H 1400) Williams, E
W.....10:00am-12:00pm (H 3209) LAB
0103 MWF.....1:00pm- 1:50pm (H 1400) Williams, E
W.....4:00pm- 6:00pm (H 3209) LAB

NUTR425 International Nutrition; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: NURT100 or equivalent. 3 credits
0101 MW.....4:00pm- 5:15pm (H 0108) STAFF

NUTR430 Nutritional Biochemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am- 8:50am (H 3418) Ahrens, R

NUTR460 Therapeutic Human Nutrition; Grade Method: (PermReq) REG/P-F/AUD; Prerequisites: NUTR 300, 450. 3 credits
0101 M.....1:00pm- 3:00pm (H 3418) Taylor, M
Tu.....4:00pm- 6:00pm (H 3209) LAB
0102 M.....1:00pm- 3:00pm (H 3418) Taylor, M
W.....2:00pm- 4:00pm (H 3418) LAB
0103 M.....1:00pm- 3:00pm (H 3418) Taylor, M
F.....10:00am-12:00pm (H 1413B) LAB

NUTR468 Practicum in Nutrition; Grade Method: S-F; (PermReq) 1-6 credits
0101 Time and room to be arranged Williams, E

NUTR470 Community Nutrition; Grade Method: REG/P-F/AUD; Prerequisite: NUTR 300. 3 credits
0101 TuTh.....2:00pm- 3:15pm (H 0108) Taylor, M

NUTR490 Special Problems in Nutrition; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. (PermReq) 2-3 credits

NUTR498A Special Topics: Individual Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. (PermReq) 1-3 credits

NUTR635 Carbohydrates, Lipids and Proteins in Human Nutrition; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:15pm (H 0108) Williams, E

NUTR660 Research Methods; Grade Method: REG/AUD; 3 credits
0101 Th.....6:00pm- 8:45pm (H 3418) Prather, M

NUTR678A Special Topics in Nutrition: Individual Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. (PermReq) 1-6 credits

NUTR678P Special Topics in Nutrition: Practicum in Nutrition; Grade Method: REG/AUD; (PermReq) 1-6 credits
0101 Time and room to be arranged Williams, E

NUTR698 Seminar in Nutrition; Grade Method: REG/AUD; 1 credit
0101 Th.....4:00pm- 4:50pm (H 3418) Curtis, S

NUTR699 Problems in Nutrition; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. (PermReq) 1-4 credits

NUTR789 Non-Thesis Research; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

NUTR799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. (PermReq) 1-6 credits

NUTR888 Doctoral Seminar; Grade Method: REG/AUD; (PermReq) 1 credit
0101 Time and room to be arranged Read, M

NUTR899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. (PermReq) 1-8 credits

---

PCOM Public Communication (Arts and Humanities)

PCOM700 Introduction to Doctoral Study in the Public Communication Arts; Grade Method: REG/AUD; Instructors are: Dr. Michael Gurevitch and Dr. Patti P. Gillespie (PermReq) 3 credits
0101 Tu.....6:00pm- 9:00pm (G 1103) Gurevitch, M

PCOM703 Analysis for Communication Research; Grade Method: REG/AUD; (PermReq) 3 credits
0101 Th.....7:00pm-10:00pm (NN 2230) Fink, E

PCOM712 Historical-Critical Research in Public Communication II; Grade Method: REG/AUD; (PermReq) 3 credits
0101 M.....7:00pm-10:00pm (G 1103) Beasley, M

PCOM888 Doctoral Practicum in Public Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. (PermReq) 3-9 credits

PCOM889 Doctoral Tutorial in Public Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. (PermReq) 3-8 credits

PCOM899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. (PermReq) 1-8 credits

---

PERH Physical Education, Recreation, and Health (Phys Ed, Recr, & Health)

PERH487 Adult Health and Developmental Program; Grade Method: REG/P-F/AUD; 0101 meets 27Aug-19Nov. Check with instructor for opening date. 3 credits
0101 Sa.....8:30am- 1:00pm (GG 0100) Leviton, D

PERH488 Children's Health and Development Clinic; Grade Method: REG/P-F/AUD; 1 credit
0101 Sa.....8:30am-12:30pm (PRH 0103) Hahn, P

PERH490 Theories of Children's Love and Peace Behavior; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 Th.....4:15pm- 7:00pm (PRH 0302) Leviton, D

PHED Physical Education (Phys Ed, Recr, & Health)

Physical Education Activites

PHED100N Physical Education Activities: Men: Basketball (Beginning); Grade Method: REG/P-F; Meets second eight weeks only. Schedule Adjustment Period is 10/27 - 10/31. 1 credit
0001 Meets 10/27/86 - 12/16/86 STAFF
TuTh.....8:00am-10:00am (PRH 2240) LAB

PHED1000 Physical Education Activities: Men: Basketball (Intermediate); Grade Method: REG/P-F; 2 credits
0001 MW.....8:00am-10:00am (PRH 2240) LAB STAFF
0002 TuTh.....3:00pm- 5:00pm (PRH 2240) LAB STAFF
0003 MW.....10:00am-12:00pm (AR 1122) LAB STAFF
0004 MW.....12:00pm- 2:00pm (AR 1122) LAB STAFF

PHED110N Physical Education Activities: Men: Wrestling (Beginning); Grade Method: REG/P-F; 2 credits
0001 MW.....12:00pm- 2:00pm (PRH 0107) LAB STAFF

Physical Education Activities- Coed (courses numbered 130-177)

PHED130N Physical Education Activities: Coed: Archery, (Beginning); Grade Method: REG/P-F; Meets first eight weeks only. Schedule Adjustment Period is 9/2 - 9/8. 1 credit
0001 Meets 09/02/86 - 10/24/86 STAFF
MW.....10:00am-12:00pm (PRH 2240) LAB

PHED131N Physical Education Activities: Coed: Backpacking; Grade Method: REG/P-F; 2 credits
0001 M.....12:00pm- 4:00pm (PRH 1101) LAB STAFF

PHED131V Physical Education Activities: Coed: Jogging; Grade Method: REG/P-F; 2 credits

0001 MW.....2:00pm- 4:00pm (PRH 0102) LAB STAFF
0002 TuTh.....10:00am-12:00pm (PRH 0110) LAB STAFF
0003 TuTh.....2:00pm- 4:00pm (PRH 0110) LAB STAFF

PHED132N Physical Education Activities: Coed: 1 credit
Badminton, (Beginning); Grade Method: REG/P-F; Meets first eight weeks only. Schedule Adjustment Period is 9/2 - 9/8.
0001 Meets 09/02/86 - 10/24/86 STAFF
TuTh.....3:00pm- 5:00pm (PRH 2101) LAB

PHED133N Physical Education Activities: Coed: 1 credit
Boating, Canoeing (Beginning); Grade Method: REG/P-F; Meets first eight weeks only. Schedule Adjustment Period is 9/2 - 9/8.
0001 Meets 09/02/86 - 10/24/86 STAFF
MW.....12:00pm- 2:00pm (GG 1100) LAB

PHED134N Physical Education Activities: Coed: 2 credits
Bowling (Beginning); Grade Method: REG/P-F; Students must pay a $10.00 facility fee. Bowling shoes required. May be rented for $.60 per session.
0001 MW.....8:00am-10:00am (SU B0100) LAB STAFF
0002 MW.....10:00am-12:00pm (SU B0100) LAB STAFF
0003 MW.....2:00pm- 4:00pm (SU B0100) LAB STAFF
0004 MW.....2:00pm- 4:00pm (SU B0100) LAB STAFF
0005 TuTh.....8:00am-10:00am (SU B0100) LAB STAFF
0006 TuTh.....8:00am-10:00am (SU B0100) LAB STAFF
0007 TuTh.....10:00am-12:00pm (SU B0100) LAB STAFF
0008 TuTh.....12:00pm- 2:00pm (SU B0100) LAB STAFF
0009 TuTh.....2:00pm- 4:00pm (SU B0100) LAB STAFF

PHED134O Physical Education Activities: Coed: 2 credits
Bowling (Intermediate); Grade Method: REG/P-F; Students must pay a $10.00 facility fee. Bowling shoes required. May be rented for $.60 per session.
0001 TuTh.....10:00am-12:00pm (SU B0100) LAB STAFF
0002 MW.....10:00am-12:00pm (SU B0100) LAB STAFF
0003 TuTh.....2:00pm- 4:00pm (SU B0100) LAB STAFF
0004 MW.....8:00am-10:00am (SU B0100) LAB STAFF
0005 MW.....12:00pm- 2:00pm (SU B0100) LAB STAFF

PHED135P Physical Education Activities: Coed: 1 credit
Dance, Social; Grade Method: REG/P-F;
0001 MWF.....11:00am-11:50am (PRH 0102) LAB STAFF

PHED136N Physical Education Activities: Coed: 1 credit
Fencing (Beginning); Grade Method: REG/P-F; Meets second eight weeks only. Schedule Adjustment Period is 10/27 - 10/31.
0001 Meets 10/27/86 - 12/16/86 STAFF
TuTh.....1:00pm- 3:00pm (PRH 0107) LAB

PHED137N Physical Education Activities: Coed: Golf 1 credit
(Beginning); Grade Method: REG/P-F; Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/2 - 9/8.
0001 Meets 09/02/86 - 10/24/86 STAFF
MW.....8:00am-10:00am (GOL 1102) LAB
0002 Meets 09/02/86 - 10/24/86 STAFF
MW.....10:00am-12:00pm (GOL 1102) LAB
0003 Meets 09/02/86 - 10/24/86 STAFF
MW.....12:00pm- 2:00pm (GOL 1102) LAB
0004 Meets 09/02/86 - 10/24/86 STAFF
TuTh.....8:00am-10:00am (GOL 1102) LAB
0005 Meets 09/02/86 - 10/24/86 STAFF
TuTh.....10:00am-12:00pm (GOL 1102) LAB
0006 Meets 09/02/86 - 10/24/86 STAFF
TuTh.....12:00pm- 2:00pm (GOL 1102) LAB

PHED137P Physical Education Activities: Coed: Golf 1 credit
(Advanced); Grade Method: REG/P-F; Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/2 - 9/8.
0001 Meets 09/02/86 - 10/24/86 STAFF
MW.....2:00pm- 4:00pm (GOL 1102) LAB

PHED140S Physical Education Activities: Coed: 2 credits
Gymnastics, Trampoline (Beginning); Grade Method: REG/P-F;
0001 MW.....10:00am-12:00pm (PRH 1120) LAB STAFF
0002 MW.....12:00pm- 2:00pm (PRH 1120) LAB STAFF

PHED140V Physical Education Activities: Coed: 2 credits
Gymnastics, Tumbling and Balancing (Beginning); Grade Method: REG/P-F;
0001 TuTh.....1:00pm- 3:00pm (PRH 1120) LAB STAFF

PHED140Y Physical Education Activities: Coed: 2 credits
Gymnastics, Apparatus (Beginning); Grade Method: REG/P-F;
0001 MW.....1:00pm- 3:00pm (PRH 1120) LAB STAFF

PHED144Q Physical Education Activities: Coed: 2 credits
Martial Arts,Karate (Beginning); Grade Method: REG/P-F;
0001 MW.....8:00am-10:00am (PRH 0107) LAB STAFF
0002 MW.....10:00am-12:00pm (PRH 0107) LAB STAFF
0003 MW.....2:00pm- 4:00pm (PRH 0107) LAB STAFF

PHED144T Physical Education Activities: Coed credits
Martial Arts, Self Defense; Grade Method REG/P-F;
0001 TuTh.....7:00pm- 9:00pm (PRH 0107) Brody, E
0002 MW.....1:00pm- 3:00pm (PRH 0110) Brody, E

PHED145N Physical Education Activities: Coed: 2 credits
Mountain Climbing (Beginning); Grade Method: REG/P-F;
0001 W.....12:00pm- 4:00pm (GG 0104) LAB STAFF
0002 Th.....2:00pm- 6:00pm (GG 0104) LAB STAFF
0003 Th.....12:00pm- 4:00pm (GG 0104) LAB STAFF

PHED145O Physical Education Activities: Coed: 2 credits
Mountain Climbing (Intermediate); Grade Method: REG/P-F;
0001 W.....2:00pm- 6:00pm (GG 0104) LAB STAFF

PHED146N Physical Education Activities: Coed: 1 credit
Racquetball (Beginning); Grade Method: REG/P-F;
0001 MWF.....8:00am- 8:50am (PRH 0222) LAB STAFF
0002 MWF.....10:00am-10:50am (PRH 0222) LAB STAFF
0003 MWF.....1:00pm- 1:50pm (PRH 0222) LAB STAFF
0004 MWF.....2:00pm- 2:50pm (PRH 0222) LAB STAFF
0005 MWF.....3:00pm- 3:50pm (PRH 0222) LAB STAFF
0006 TuTh.....8:00am- 9:15am (PRH 0222) LAB STAFF
0007 TuTh.....9:00am-10:15am (PRH 0222) LAB STAFF
0008 TuTh.....11:00am-12:15pm (PRH 0222) LAB STAFF
0009 TuTh.....2:00pm- 3:15pm (PRH 0222) LAB STAFF
0010 TuTh.....3:00pm- 4:15pm (PRH 0222) LAB STAFF
0011 MWF.....9:00am- 9:50am (PRH 0222) LAB STAFF

PHED146O Physical Education Activities: Coed: 1 credit
Racquetball (Intermediate); Grade Method: REG/P-F;
0001 TuTh.....10:00am-11:15am (PRH 0222) LAB STAFF
0002 TuTh.....1:00pm- 2:15pm (PRH 0222) LAB STAFF
0003 MWF.....11:00am-11:50am (PRH 0222) LAB STAFF

PHED147N Physical Education Activities: Coed: Scuba 2 credits
(Beginning); Grade Method: REG/P-F;
0001 MWF.....8:00am- 8:50am (GG 0104) Landers Jr., R
MWF.....8:00am- 8:50am (GG 1206) LAB
0002 TuTh.....8:00am- 9:15am (GG 0104) Landers Jr., R
TuTh.....8:00am- 9:15am (GG 1206) LAB
0003 TuTh.....2:00pm- 3:15pm (GG 0100) Landers Jr., R
TuTh.....2:00pm- 3:15pm (GG 1206) LAB

PHED150N Physical Education Activities: Coed: 1 credit
Skating, Ice (Beginning); Grade Method: REG/P-F; Meets second eight weeks only. Students must provide own transportation and pay $10.00 facility/equipment fee. Schedule Adjustment Period is 10/27 - 10/31.
0001 Meets 10/27/86 - 12/16/86 STAFF
MW.....9:00am-11:00am (GG 1100) LAB

PHED152N Physical Education Activities: Coed: 1 credit
Soccer (Beginning); Grade Method: REG/P-F; Meets first eight weeks only. Schedule Adjustment Period is 9/2-9/8.
0001 Meets 09/02/86 - 10/24/86 STAFF
MW.....1:00pm- 3:00pm (GG 1100) LAB

PHED154N Physical Education Activities: Coed: 1 credit
Swimming (Beginning); Grade Method: REG/P-F; Section 0001 is strictly for non-swimmers.
0001 MWF.....12:00pm-12:50pm (W 1112) LAB STAFF
0002 MWF.....1:00pm- 1:50pm (GG 1206) LAB STAFF
0003 TuTh.....8:00am- 9:15am (W 1112) LAB STAFF
0004 TuTh.....9:00am-10:15am (GG 1206) LAB STAFF

PHED154O Physical Education Activities: Coed: 1 credit
Swimming (Intermediate); Grade Method: REG/P-F;
0001 TuTh.....12:00pm- 1:15pm (W 1112) LAB STAFF
0002 TuTh.....1:00pm- 2:15pm (GG 1206) LAB STAFF
0003 TuTh.....11:00am-12:15pm (W 1112) LAB STAFF
0004 TuTh.....2:00pm- 3:15pm (W 1112) LAB STAFF

PHED154P Physical Education Activities: Coed: 2 credits
Swimming (Advanced); Grade Method: REG/P-F;
0001 MW.....9:00am-11:00am (GG 1206) LAB STAFF

PHED154T Physical Education Activities: Coed: 1 credit
Swimming, Fitness (Beginning); Grade Method: REG/P-F;
0001 MWF.....1:00pm- 1:50pm (W 1112) LAB STAFF
0002 MWF.....2:00pm- 2:50pm (W 1112) LAB STAFF

PHED154W Physical Education Activities: Coed: 2 credits
Swimming, Advanced Life Saving; Grade Method: REG/P-F; Advanced swimming ability is a prerequisite.
0001 MW.....8:00am-10:00am (W 1112) LAB STAFF
0002 TuTh.....10:00am-12:00pm (GG 1206) LAB STAFF

PHED154Y Physical Education Activities: Coed: 2 credits
Swimming, Water Safety Instruction; Grade Method: REG/P-F; Current advanced life saving is a prerequisite.
0001 MW.....10:00am-12:00pm (W 1112) LAB STAFF

PHED155N Physical Education Activities: Coed: 1 credit
Tennis (Beginning); Grade Method: REG/P-F; Meets first eight weeks only. Schedule Adjustment Period is 9/2-9/8.
0001 Meets 09/02/86 - 10/24/86 STAFF
MW.....3:00pm- 5:00pm (PRH 2101) LAB
0002 Meets 09/02/86 - 10/24/86 STAFF
MW.....8:00am-10:00am (GG 1100) LAB
0003 Meets 09/02/86 - 10/24/86 STAFF
MW.....10:00am-12:00pm (GG 1100) LAB
0004 Meets 09/02/86 - 10/24/86 STAFF
MW.....10:00am-12:00pm (PRH 2101) LAB
0005 Meets 09/02/86 - 10/24/86 STAFF
MW.....1:00pm- 3:00pm (GG 1100) LAB
0006 Meets 09/02/86 - 10/24/86 STAFF
MW.....1:00pm- 3:00pm (PRH 2101) LAB
0007 Meets 09/02/86 - 10/24/86 STAFF
TuTh.....8:00am-10:00am (GG 1100) LAB
0008 Meets 09/02/86 - 10/24/86 STAFF
TuTh.....10:00am-12:00pm (GG 1100) LAB
0009 Meets 09/02/86 - 10/24/86 STAFF
TuTh.....10:00am-12:00pm (PRH 2240) LAB
0010 Meets 09/02/86 - 10/24/86 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2240) LAB

PHED155O Physical Education Activities: Coed. 1 credit
Tennis (Intermediate); Grade Method: REG/P-F; Meets first eight weeks only. Schedule Adjustment Period is 9/2 - 9/8.
0001 Meets 09/02/86 - 10/24/86 STAFF
MW.....10:00am-12:00pm (GG 1100) LAB
0002 Meets 09/02/86 - 10/24/86 STAFF
TuTh.....1:00pm- 3:00pm (GG 1100) LAB
0003 Meets 09/02/86 - 10/24/86 STAFF
MW.....2:00pm- 4:00pm (PRH 2240) LAB
0004 Meets 09/02/86 - 10/24/86 STAFF
TuTh.....8:00am-10:00am (GG 1100) LAB
0005 Meets 09/02/86 - 10/24/86 STAFF
TuTh.....10:00am-12:00pm (GG 1100) LAB

PHED155P Physical Education Activities: Coed: 1 credit
Tennis (Advanced); Grade Method: REG/P-F; Meets first eight weeks only. Sec. 01 includes tournament preparation/ advanced drills. Schedule Adjustment Period is 9/2 - 9/8.
0001 Meets 09/02/86 - 10/24/86 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2101) LAB
0002 Meets 09/02/86 - 10/24/86 STAFF
TuTh.....3:00pm- 5:00pm (PRH 2101) LAB

PHED157N Physical Education Activities: Coed: 1 credit
Weight Training (Beginning); Grade Method: REG/P-F;
0001 MWF.....8:00am- 8:50am (PRH 0103) LAB STAFF
0002 MWF.....9:00am- 9:50am (PRH 0103) LAB STAFF
0003 MWF.....10:00am-10:50am (PRH 0103) LAB STAFF
0004 MWF.....1:00pm- 1:50pm (PRH 0103) LAB STAFF
0005 MWF.....2:00pm- 2:50pm (PRH 0103) LAB STAFF
0006 MW.....3:00pm- 4:15pm (PRH 0103) LAB STAFF
0007 MW.....4:00pm- 5:15pm (PRH 0103) LAB STAFF
0008 TuTh.....8:00am- 9:15am (PRH 0103) LAB STAFF
0009 TuTh.....9:00am-10:15am (PRH 0103) LAB STAFF
0010 TuTh.....10:00am-11:15am (PRH 0103) LAB STAFF
0011 TuTh.....11:00am-12:15pm (PRH 0103) LAB STAFF
0012 TuTh.....3:00pm- 4:15pm (PRH 0103) LAB STAFF
0013 TuTh.....4:00pm- 5:15pm (PRH 0103) LAB STAFF

PHED157O Physical Education Activities: Coed: 1 credit
Weight Training (Intermediate); Grade Method: REG/P-F;
0001 MWF.....11:00am-11:50am (PRH 0103) LAB STAFF
0002 MWF.....12:00pm-12:50pm (PRH 0103) LAB STAFF
0003 TuTh.....12:00pm- 1:15pm (PRH 0103) LAB STAFF

PHED157Q Physical Education Activities: Coed: Body 1 credit
Building; Grade Method: REG/P-F;
0001 TuTh.....1:00pm- 1:50pm (PRH 0103) LAB STAFF
0002 TuTh.....2:00pm- 2:50pm (PRH 0103) LAB STAFF

PHED160N Physical Education Activities: Coed: 1 credit
Volleyball (Beginning); Grade Method: REG/P-F; Meets second eight weeks only. Schedule Adjustment Period is 10/27 - 10/31.
0001 Meets 10/27/86 - 12/16/86 STAFF
MW.....3:00pm- 5:00pm (PRH 2101) LAB
0002 Meets 10/27/86 - 12/16/86 STAFF
TuTh.....10:00am-12:00pm (PRH 2101) LAB

PHED160O Physical Education Activities: Coed: 1 credit
Volleyball (Intermediate); Grade Method: REG/P-F; Meets second eight weeks only. Schedule Adjustment Period is 10/27 - 10/31.
0001 Meets 10/27/86 - 12/16/86 STAFF
MW.....1:00pm- 3:00pm (PRH 2101) LAB
0002 Meets 10/27/86 - 12/16/86 STAFF
TuTh.....3:00pm- 5:00pm (PRH 2101) LAB

PHED160P Physical Education Activities: Coed: 2 credits
Volleyball (Advanced); Grade Method: REG/P-F;
0001 MW.....10:00am-12:00pm (PRH 2101) LAB STAFF

PHED161N Physical Education Activities: Coed: 2 credits
Conditioning (Beginning); Grade Method: REG/P-F;
0001 MW.....10:00am-12:00pm (GG 0102) LAB STAFF
MW.....10:00am-12:00pm (GG 0100) LAB
0002 MW.....12:00pm- 2:00pm (GG 0102) LAB STAFF
MW.....12:00pm- 2:00pm (GG 0100) LAB
0003 TuTh.....12:00pm- 2:00pm (GG 0102) LAB STAFF
TuTh.....12:00pm- 2:00pm (GG 0100) LAB

PHED161Q Physical Education Activities: Coed: 2 credits
Conditioning (Aerobic Dance-Beginning); Grade Method: REG/P-F;
0001 TuTh.....10:00am-12:00pm (GG 0100) LAB STAFF
TuTh.....10:00am-12:00pm (GG 0102) LAB
0002 TuTh.....4:00pm- 6:00pm (PRH 0102) LAB STAFF
0003 MW.....10:00am-12:00pm (PRH 2240) LAB STAFF
0004 MW.....8:00am-10:00am (PRH 0102) LAB STAFF
0005 TuTh.....1:00pm- 3:00pm (PRH 2240) LAB STAFF
0006 TuTh.....7:00pm- 9:00pm (PRH 0102) LAB STAFF
0007 MW.....4:00pm- 6:00pm (PRH 0102) LAB STAFF
0008 TuTh.....2:00pm- 4:00pm (PRH 0102) LAB STAFF

PHED161R Physical Education Activities: Coed: 1 credit
Strategies for Tension Control; Grade Method: REG/P-F;
0001 TuTh.....3:00pm- 3:50pm (PRH 0107) Seaward, B
0002 TuTh.....4:00pm- 4:50pm (PRH 0107) Seaward, B

PHED161S Physical Education Activities: Coed: 2 credits
Conditioning (Aerobic Dance-Intermediate); Grade Method: REG/P-F;
0001 MW.....3:00pm- 5:00pm (PRH 2240) LAB STAFF
0002 TuTh.....10:00am-12:00pm (PRH 0102) LAB STAFF

PHED161T Physical Education Activities: Coed: 2 credits
Conditioning (Yoga-Beginning); Grade Method: REG/P-F;
0001 TuTh.....10:00am-12:00pm (PRH 0107) LAB STAFF

Physical Education Professional Courses-

PHED180 Foundations of Physical Education; Grade 3 credits
Method: REG/P-F/AUD;
0101 MWF.....9:00am- 9:50am (PRH 1302) Owens, L

PHED181 Fundamentals of Movement; Grade Method: 2 credits
REG/P-F/AUD;
0101 TuTh.....9:30am-10:45am (PRH 1302) LAB STAFF

PHED182 Rhythmic Activities; Grade Method: 2 credits
REG/P-F/AUD;

0101 TuTh.....12:00pm- 1:15pm (PRH 0110) LAB STAFF

PHED202 Badminton Skills Laboratory; Grade Method: 1 credit
REG/P-F/AUD; Meets first eight weeks only. Schedule Adjustment Period is 9/2 - 9/8.
0101 Meets 09/02/86 - 10/24/86 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2101) LAB

PHED204 Basketball Skills Laboratory; Grade 1 credit
Method: REG/P-F/AUD; Meets second eight weeks only. Schedule Adjustment Period is 10/27 - 10/31.
0101 Meets 10/27/86 - 12/16/86 STAFF
TuTh.....10:00am-12:00pm (PRH 2240) LAB

PHED214 Soccer Skills Laboratory; Grade Method: 1 credit
REG/P-F/AUD; Meets first eight weeks only. Schedule Adjustment Period is 9/2 - 9/8.
0101 Meets 09/02/86 - 10/24/86 STAFF
TuTh.....10:00am-12:00pm (GG 1100) LAB

PHED218 Laboratory in Teaching; Grade Method: 1 credit
(PermReq) REG/P-F;
0101 Time and room to be arranged Wrenn, J

PHED220 Track and Field Skills Laboratory; Grade 2 credits
Method: REG/P-F/AUD;
0101 TuTh.....8:00am-10:00am (GG 1100) LAB STAFF

PHED221 Volleyball Skills Laboratory; Grade 1 credit
Method: REG/P-F/AUD; Meets second eight weeks only. Schedule Adjustment Period is 10/27 - 10/31.
0101 Meets 10/27/86 - 12/16/86 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2101) LAB

PHED222 Weight Training Skills Laboratory; Grade 1 credit
Method: REG/P-F/AUD;
0101 MWF.....2:00pm- 2:50pm (PRH 0101) LAB STAFF

PHED224 Aerobics Skills Laboratory; Grade Method: 1 credit
REG/P-F/AUD;
0101 MWF.....1:00pm- 1:50pm (PRH 2240) LAB STAFF

PHED261 Development of Endurance and Strength 3 credits
Fitness; Grade Method: REG/P-F/AUD;
0101 MWF.....1:00pm- 1:50pm (PRH 0307) Kokkinos, P

PHED287 Sport and American Society; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 MWF.....10:00am-10:50am (PRH 1303) Vander Velden,
0201 MWF.....11:00am-11:50am (PRH 1303) Vander Velden,
0301 TuTh.....11:00am-12:15pm (PRH 1303) Ingram, A

PHED289 Topical Investigations; Grade Method: 1-3 credits
(PermReq) REG/P-F; Individual Instruction course: contact department or instructor to obtain section number.

PHED293 History of Sport in America; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;
0101 TuTh.....9:30am-10:45am (PRH 1312) Struna, N

PHED300 Kinesiology; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....1:00pm- 4:00pm (PRH 1302) Kelley, D
0201 TuTh.....9:00am-12:00pm (PRH 1301) Pike, N

PHED314 Methods in Physical Education; Grade 3 credits
Method: REG/P-F/AUD;
0101 MW.....10:00am-12:00pm (PRH 0305) Arrighi, M

PHED335 Swimming Pool Management; Grade Method: 2 credits
REG/P-F/AUD;
0101 TuTh.....9:00am- 9:50am (GG 0104) Hoffman, C

PHED340 Theory of Coaching Athletics; Grade 2 credits
Method: REG/P-F/AUD;
0101 MW.....12:00pm-12:50pm (PRH 1301) Drum, B

PHED341 Theory of Coaching Basketball; Grade 2 credits
Method: REG/P-F/AUD;
0101 MW.....11:00am-11:50am (PRH 1302) STAFF

PHED342 Theory of Coaching Baseball; Grade Method: 2 credits
REG/P-F/AUD;
0101 TuTh.....10:00am-10:50am (GG 0104) Jackson, E

PHED343 Theory of Coaching Football; Grade Method: 2 credits
REG/P-F/AUD;
0101 TuTh.....11:00am-11:50am (GG 0104) Mann, J

PHED350 The Psychology of Sports; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 W.....4:15pm- 6:45pm (PRH 1301) Steel, D
0201 TuTh.....2:00pm- 3:15pm (PRH 1301) Steel, D
0301 MWF.....10:00am-10:50am (PRH 1312) Hatfield, B
0401 TuTh.....3:00pm- 4:15pm (PRH 1303) Brown, E

PHED360 Physiology of Exercise; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement;
0101 TuTh.....10:00am-12:00pm (PRH 2132) Vaccaro, P
0201 TuTh.....1:00pm- 3:00pm (PRH 2132) Ryder, M

PHED361 Weight Control Through Diet and Exercise; 3 credits
Grade Method: REG/P-F/AUD;
0101 MWF.....9:00am- 9:50am (GG 0100) STAFF
0201 TuTh.....10:00am-11:15am (PRH 0303) STAFF

PHED362 Philosophy of Sport; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement;
0101 MWF.....10:00am-10:50am (PRH 1301) Hult, J

PHED370 Motor Development; Grade Method: 3 credits
REG/P-F/AUD;
0101 W.....7:00pm- 9:30pm (PRH 1312) Clark, J

PHED381 Prevention and Care of Athletic Injuries; 3 credits
Grade Method: REG/P-F/AUD;
0101 F.....8:00am-10:00am (PRH 1303) Bush, J
MW.....9:00am- 9:50am (PRH 1303) LAB

PHED385 Motor Learning and Skilled Performance; 3 credits
Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 M.....7:00pm- 9:30pm (PRH 1302) Tyler, R
0201 TuTh.....12:30pm- 1:45pm (PRH 1303) Tyler, R

PHED389 Topical Investigations; Grade Method: 1-3 credits
(PermReq) REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor required

PHED389D Topical Investigations: Sports Medicine; 3 credits
Grade Method: REG/P-F/AUD;
0101 Th.....7:00pm- 9:30pm (PRH 1301) Hurley, B

PHED421 Elementary School Physical Education: A 3 credits
Movement Approach; Grade Method: REG/P-F/AUD;
0101 TuTh.....2:00pm- 3:15pm (PRH 0303) Kisabeth, K

PHED451 Sport and the American Woman; Grade 3 credits
Method: REG/P-F/AUD;
0101 MWF.....12:00pm-12:50pm (PRH 1302) Ingram, A

PHED455 Scientific Bases of Athletic Conditioning; 3 credits
Grade Method: REG/P-F/AUD;
0101 Th.....4:15pm- 6:45pm (PRH 1302) SantaMaria, D

PHED480 Measurement in Physical Education; Grade 3 credits
Method: REG/P-F/AUD;
0101 WF.....9:00am- 9:50am (PRH 0303) SantaMaria, D
M.....8:00am-10:00am (PRH 0303)
0201 MW.....1:00pm- 3:00pm (PRH 1302) Steel, D

PHED489R Field Laboratory Projects and Workshop: 1 credit
Fitness Laboratory for Assessment and Program Implications; Grade Method: REG/P-F;
0101 Meets 09/05/86 - 10/03/86 Clarke, D
Th.....4:15pm- 6:45pm (PRH 0307) LAB

PHED490 Administration of Physical Education and 3 credits
Sport; Grade Method: REG/P-F/AUD;
0101 W.....4:15pm- 6:45pm (PRH 1302) Church, K

PHED491 The Curriculum in Physical Education; 3 credits
Grade Method: REG/P-F/AUD;
0101 M.....4:15pm- 6:45pm (PRH 0301) Kisabeth, K

PHED492 History of the Sportswoman in American 3 credits
Organizations; Grade Method: REG/P-F/AUD;
0101 MWF.....11:00am-11:50am (PRH 0307) Hult, J

PHED493 History and Philosophy of Sport and 3 credits

Physical Education; Grade Method: REG/P-F/AUD;
0101 MWF.....8:00am- 8:50am (PRH 1301) Hult, J

PHED496 Quantitative Methods; Grade Method: 3 credits
REG/P-F/AUD;
0101 M.....4:15pm- 6:45pm (PRH 1301) Dotson, C

PHED497 Independent Studies Seminar; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....9:00am- 9:50am (PRH 2132) Clark, J

PHED498 Special Topics in Physical Education; 3 credits
(PermReq) Grade Method: REG/P-F/AUD;
0101 Time and room to be arranged Wrenn, J

PHED498M Special Topics in Physical Education: 3 credits
Sport and World Society; Grade Method: REG/AUD;
0101 MWF.....9:00am- 9:50am (PRH 0305) Ingram, A

PHED603 Advanced Motor Development; Grade Method: 3 credits
REG/AUD;
0101 M.....4:15pm- 6:45pm (PRH 0305) Clark, J

PHED610 Methods and Techniques of Research; Grade 3 credits
Method: REG/AUD;
0101 M.....7:00pm- 9:30pm (PRH 1303) Ryder, M

PHED630 Sociology of Sport in Contemporary 3 credits
Perspective; Grade Method: REG/AUD;
0101 Tu.....4:15pm- 6:45pm (PRH 1301) Vander Velden,

PHED650 Mental and Emotional Aspects of Sports and 3 credits
Recreation; Grade Method: REG/AUD;
0101 Th.....4:15pm- 6:45pm (PRH 0301) Hatfield, B

PHED665 Seminar in Modern American Sport, 3 credits
1890-1970; Grade Method: REG/AUD;
0101 Th.....4:15pm- 6:45pm (PRH 0305) Struna, N

PHED675 Photo-analysis of Human Motion; Grade 3 credits
Method: REG/AUD;
0101 W.....4:15pm- 6:45pm (PRH 2132) Phillips, S

PHED685 Advanced Motor Learning; Grade Method: 3 credits
REG/AUD;
0101 Tu.....4:15pm- 6:45pm (PRH 0307) Tyler, R

PHED689 Special Problems in Physical Education; 1-6 credits
(PermReq) Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

PHED689B Special Problems in Physical Education: 3 credits
Biochemical Lab: Techniques in Exercise Physiology; Grade Method: REG/AUD;
0101 M.....4:15pm- 6:45pm (PRH 2132) Goldfarb, A

PHED689E Special Problems in Physical Education: 3 credits
Research on Teaching in Physical Education; Grade Method: REG/AUD;
0101 M.....4:15pm- 6:45pm (PRH 0303) Arrighi, M

PHED689P Special Problems in Physical Education: 3 credits
Theory and Research in Leadership in Sport and Physical Education; Grade Method: REG/AUD;
0101 W.....4:15pm- 6:45pm (PRH 0307) Young, J

PHED689Q Special Problems in Physical Education: 3 credits
Intermediate Quantitative Methods; Grade Method: REG/AUD;
0101 Tu.....7:00pm- 9:30pm (PRH 1301) Dotson, C

PHED689W Special Problems in Physical Education: 3 credits
Neuromotor Control; Grade Method: REG/AUD;
0101 Th.....7:00pm- 9:30pm (PRH 0305) Pratt, C

PHED690 Scientific Bases of Exercise; Grade 3 credits
Method: REG/AUD;
0101 Tu.....4:15pm- 6:45pm (PRH 2132) Vaccaro, P

PHED692 Cardiovascular Aspects of Exercise 3 credits
Physiology; Grade Method: REG/AUD;
0101 W.....7:00pm- 9:30pm (PRH 1302) Hurley, B

PHED770 Advanced Biomechanics; Grade Method: 3 credits
REG/AUD;
0101 Tu.....7:00pm- 9:30pm (PRH 2132) Pike, N

PHED798A Internship in Physical Education/Sports 1-8 credits
(PermReq) Management; Sports Management; Grade Method: REG;
0101 Time and room to be arranged Wrenn, J

PHED799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

PHED899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

PHIL Philosophy (Arts and Humanities)

PHILOSOPHY DEPARTMENT HANDBOOK

All philosophy courses are described in detail (course content, textbooks, written assignments, etc.) in the Philosophy Department Handbook. Copies are now available in Room 1131 of the Skinner Building. Updated supplement to the handbook will be issued for August registration.

PHIL100 Introduction to Philosophy; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;
0101 TuTh.....2:00pm- 2:50pm (AR 0135) Cordero, A
W.....9:00am- 9:50am (G 1105) DIS
0102 TuTh.....2:00pm- 2:50pm (AR 0135) Cordero, A
W.....3:00pm- 3:50pm (NN 2230) DIS
0103 TuTh.....2:00pm- 2:50pm (AR 0135) Cordero, A
W.....2:00pm- 2:50pm (NN 2230) DIS
0104 TuTh.....2:00pm- 2:50pm (AR 0135) Cordero, A
W.....2:00pm- 2:50pm (SSB 1208) DIS
0105 TuTh.....2:00pm- 2:50pm (AR 0135) Cordero, A
Th.....10:00am-10:50am (G 1105) DIS
0106 TuTh.....2:00pm- 2:50pm (AR 0135) Cordero, A
Th.....11:00am-11:50am (G 1105) DIS
0201 MW.....12:00pm-12:50pm (LL 0220) STAFF
F.....9:00am- 9:50am (SSB 1208) DIS
0202 MW.....12:00pm-12:50pm (LL 0220) STAFF
F.....3:00pm- 3:50pm (T 1106) DIS
0203 MW.....12:00pm-12:50pm (LL 0220) STAFF
F.....12:00pm-12:50pm (J 1120) DIS
0204 MW.....12:00pm-12:50pm (LL 0220) STAFF
F.....12:00pm-12:50pm (G 1104) DIS
0205 MW.....12:00pm-12:50pm (LL 0220) STAFF
F.....1:00pm- 1:50pm (AA 1122) DIS
0206 MW.....12:00pm-12:50pm (LL 0220) STAFF
F.....2:00pm- 2:50pm (Q 1108) DIS
0301 MWF.....10:00am-10:50am (T 0124) STAFF

PHIL110 Plato's Republic; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;
0101 MWF.....11:00am-11:50am (T 1106) Pasch, A

PHIL140 Contemporary Moral Issues; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 MW.....11:00am-11:50am (LL 0105) Greenspan, P
F.....11:00am-11:50am (Q 2108) DIS
0102 MW.....11:00am-11:50am (LL 0105) Greenspan, P
F.....12:00pm-12:50pm (SSB 1220) DIS
0103 MW.....11:00am-11:50am (LL 0105) Greenspan, P
F.....2:00pm- 2:50pm (T 1106) DIS

PHIL142 Introduction to Ethical Theory; Grade 3 credits
Method: REG/P-F/AUD;
0101 MWF.....10:00am-10:50am (T 1106) Slote, M

A note about PHIL 170, PHIL 173, and PHIL 371. All three are introductory logic courses. PHIL 170 provides the student with a broad understanding of the field of logic, in both its traditional and its modern forms. PHIL 173 concentrates on applications, using logic to uncover the deductive structure of published material written in a diversity of literary styles. Phil 371 enables the student to develop skill in using the techniques of modern symbolic logic, and an understanding of some of its under-lying principles. All three courses attempt to develop in students a heightened sensitivity to logical form, logical fallacy, and the logical nuances of ordinary language.

PHIL170 Introduction to Logic; Grade Method: 3 credits
REG/P-F/AUD;
0101 TuTh.....1:00pm- 1:50pm (AS 2203) Odell, S
M.....9:00am- 9:50am (E 1229) DIS
0102 TuTh.....1:00pm- 1:50pm (AS 2203) Odell, S
M.....2:00pm- 2:50pm (ZP 1124) DIS
0103 TuTh.....1:00pm- 1:50pm (AS 2203) Odell, S
M.....1:00pm- 1:50pm (ZP 1228) DIS
0104 TuTh.....1:00pm- 1:50pm (AS 2203) Odell, S
M.....1:00pm- 1:50pm (NN 0135) DIS
0105 TuTh.....1:00pm- 1:50pm (AS 2203) Odell, S
Tu.....10:00am-10:50am (ZP 1228) DIS
0106 TuTh.....1:00pm- 1:50pm (AS 2203) Odell, S
Tu.....11:00am-11:50am (ZP 1228) DIS
0201 TuTh.....11:00am-12:15pm (R 1131) Stairs, A

PHIL170H Introduction to Logic; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 TuTh.....9:30am-10:45am (T 1106) Odell, S

PHIL173 Logic and the English Language I; Grade 3 credits
Method: REG; See note above PHIL 170
0101 MWF.....9:00am- 9:50am (T 1113) Pasch, A

PHIL209A Philosophical Issues: An introduction to 3 credits
Cognitive Science; Grade Method: REG/P-F/AUD; PHIL209A is co-taught with LING 240 (Lightfoot).
0101 TuTh.....11:00am-12:15pm (R 1101) Cherniak, C

PHIL250 Philosophy of Science I; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;
0101 TuTh.....2:00pm- 3:15pm (T 1113) Suppe, F

PHIL308F Studies in Contemporary Philosophy: 3 credits
Philosophical Issues in Feminism; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement;
0101 MW.....2:00pm- 3:15pm (R 1130) Greenspan, P

PHIL308H Studies in Contemporary Philosophy: 3 credits
(PermReq) Philosophy of Humor; Grade Method: REG/P-F/AUD; Honors seminar.
0101 Tu.....3:30pm- 6:00pm (ULB 0108) Levinson, J

PHIL310 Ancient Philosophy; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: six hours of philosophy or classics.
0101 TuTh.....9:30am-10:45am (R 1130) STAFF
0201 MWF.....9:00am- 9:50am (T 1106) STAFF

PHIL320 Modern Philosophy; Grade Method: 3 credits
REG/P-F/AUD; Prerequisite - six hours of Philosophy.
0101 MWF.....12:00pm-12:50pm (T 1106) Celarier, J

PHIL326 Twentieth Century Analytic Philosophy; 3 credits
Grade Method: REG/P-F/AUD; Prerequisite: 6 hours of Philosophy
0101 TuTh.....2:00pm- 3:15pm (T 1106) Tolliver, J

PHIL328B Studies in the History of Philosophy: 3 credits
Marxist Philosophy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one course in philosophy or a GVPT course in Social Theory.
0101 TuTh.....11:00am-12:15pm (AR 0112) Manukian, E

PHIL331 Philosophy of Art; Grade Method: REG/AUD; 3 credits
Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one course in philosophy or two courses in the arts or literature.
0101 TuTh.....9:30am-10:45am (T 1113) Brown, J

PHIL332 Philosophy of Beauty; Grade Method: 3 credits
REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; One course in philosophy or two courses in the arts or literature are recommended.
0101 TuTh.....12:30pm- 1:45pm (T 1113) Brown, J

PHIL334 Philosophy of Music; Grade Method: 3 credits
REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one course in music or philosophy.
0101 TuTh.....11:00am-12:15pm (GG 3109) Levinson, J

PHIL371 Symbolic Logic I; Grade Method: REG/AUD; 3 credits
(See note above PHIL 170.)
0101 MWF.....11:00am-11:50am (T 1113) Svenonius, L

PHIL386 Field Work; Grade Method: REG/P-F/AUD; 3 credits
Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with PHIL387. Consult Director of Undergraduate Studies; Pasch,A. Prerequisites: 12 credit hours of philosophy, 3.0 GPA. Carries no credit toward philosophy major.

PHIL387 Field Work Analysis; Grade Method: 3 credits
REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with PHIL 386. Consult Director of Undergraduate Studies; Pasch,A.

PHIL408A Topics in Contemporary Philosophy: 3 credits
Analysis and Design of Legal and Moral Institutions; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: one course in philosophy and one course in ECON or GVPT or consent of instructor.
0101 MWF.....10:00am-10:50am (AS 3215) Johnson, C

PHIL408D Topics in Contemporary Philosophy: Selves 3 credits
and Subjectivity.; Grade Method: REG/P-F/AUD;
0101 WF.....2:00pm- 3:15pm (T 1113) Martin, R

PHIL408I Topics in Contemporary Philosophy: Issues 3 credits
in Jewish Ethics and Law; Grade Method: REG/P-F/AUD;
0101 TuTh.....11:00am-12:15pm (LL 2117) Manekin, C

PHIL416 Medieval Philosophy; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....1:00pm- 1:50pm (T 1106) Svenonius, L

PHIL425 19th Century Philosophy; Grade Method: 3 credits
REG/P-F/AUD;
0101 TuTh.....2:00pm- 3:15pm (R 1131) Manukian, E

PHIL428D Topics in the History of Philosophy: 3 credits
Heidegger on Being and Time; Grade Method: REG/P-F/AUD;
0101 WF.....12:30pm- 1:45pm (F 1102) Martin, R

PHIL447 Philosophy of Law; Grade Method: REG/AUD; 3 credits
Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one course in philosophy.
0101 MWF.....1:00pm- 1:50pm (SSB 2166) Johnson, C
0201 MWF.....11:00am-11:50am (R 1131) Schlaretzki, W

PHIL450 Scientific Thought I; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement;
0101 TuTh.....11:00am-12:15pm (T 1105) Cordero, A

PHIL455 Philosophy of the Social Sciences; Grade 3 credits
Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisites: one course in philosophy or the social sciences. PHIL 250 recommended.
0101 TuTh.....11:00am-12:15pm (T 1106) Suppe, F

PHIL456 Philosophy of Biology; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisites: PHIL 250 or two courses in biological science.
0101 TuTh.....3:30pm- 4:45pm (T 1106) STAFF

PHIL461 Theory of Meaning; Grade Method: 3 credits
REG/P-F/AUD;
0101 TuTh.....2:00pm- 3:15pm (R 1130) Odell, S

PHIL466 Philosophy of Mind; Grade Method: 3 credits
REG/P-F/AUD;
0101 TuTh.....3:30pm- 4:45pm (R 1130) Tolliver, J

PHIL498A Topical Investigations; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

PHIL498B Topical Investigations; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

PHIL688A Selected Problems in Philosophy; Grade 1-3 credits
(PermReq) Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

PHIL688B Selected Problems in Philosophy; Grade 1-3 credits
(PermReq) Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

PHIL688C Selected Problems in Philosophy; Grade 1-3 credits
(PermReq) Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

PHIL788A Research in Philosophy; Grade Method: 1-6 credits
(PermReq) REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite - permission of tutorial-advisory committee.

PHIL788B Research in Philosophy; Grade Method: 1-6 credits
(PermReq) REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

PHIL788C Research in Philosophy; Grade Method: 1-6 credits
(PermReq) REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

PHIL799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

PHIL808 Seminar in the Problems of Philosophy: 3 credits
Rationality; Grade Method: REG/AUD; Prerequisite: Graduate standing. Leave schedule at Skinner 1131 the first day of classes.
0101 M.....2:00pm- 4:15pm (T 1106) Cherniak, C

PHIL868 Seminar in Metaphysics: Modality and 3 credits
Metaphysics; Grade Method: REG/AUD; Leave schedule at Skinner 1131 the first day of classes.
0101 Time and room to be arranged Stairs, A

PHIL899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

PHYS Physics (Comp, Math, & Phys Sci)

PHYS101 Contemporary Physics; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics for managers and analysts. Prerequisite: MATH 110 or MATH 115, or 3 1/2 years of college. Preparatory mathematics (including trigonometry).
0101 MWF.....12:00pm-12:50pm (Z 4220) Misner, C

PHYS102 Physics of Music; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies Non-lab Science and Mathematics requirement. If taken with PHYS 103, course may be counted as Lab Science requirement. Credit cannot be received for both PHYS 102 and PHYS 499C.
0301 MWF.....2:00pm- 2:50pm (Z 1412) Sucher, J

PHYS103 Physics of Music Laboratory; Grade Method: 1 credit
REG/P-F/AUD;
0101 Th.....9:00am-10:50am (Z 3213) LAB Berg, R
0201 Th.....12:00pm- 1:50pm (Z 3213) LAB Berg, R
0301 Th.....2:00pm- 3:50pm (Z 3213) LAB Berg, R
0401 F.....10:00am-11:50am (Z 3213) LAB Berg, R

PHYS106 Light, Perception, Photography, and Visual 3 credits
Phenomena; Grade Method: REG/P-F/AUD; Credit cannot be received for both PHYS 106 and PHYS 499E. Course meets University Studies Program Distributive Studies Non-Lab Science and Mathematics requirement. If taken with PHYS 107, course may be counted as lab-science requirement.
0101 TuTh.....2:00pm- 3:15pm (Z 1412) Goodman, J

PHYS107 Light, Perception, Photography and Visual 1 credit
Phenomena Laboratory; Grade Method: REG/P-F/AUD; Pre-or co-requisite: PHYS 106 or PHYS 499E. Labs begin week of September 8.
0101 Tu.....9:00am-10:50am (Z 3214) LAB Goodman, J
0201 Tu.....12:00pm- 1:50pm (Z 3214) LAB Goodman, J
0301 W.....9:00am-10:50am (Z 3214) LAB Goodman, J
0401 W.....3:00pm- 4:50pm (Z 3214) LAB Goodman, J
0501 W.....1:00pm- 2:50pm (Z 3214) LAB Goodman, J
0601 Tu.....3:30pm- 5:20pm (Z 3214) LAB Goodman, J

PHYS111 Physics in the Modern World; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Intended for students who will continue in PHYS 112 or PHYS 401.
0101 MWF.....9:00am- 9:50am (Z 0405) Falk, D

PHYS117 Introduction to Physics; Grade Method: 4 credits
REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement;
0101 MWF.....2:00pm- 2:50pm (Z 1410) Talaga, R
M.....4:00pm- 5:50pm (Z 3316) LAB
0102 MWF.....2:00pm- 2:50pm (Z 1410) Talaga, R
Tu.....3:00pm- 4:50pm (Z 3316) LAB
0104 MWF.....2:00pm- 2:50pm (Z 1410) Talaga, R
W.....4:00pm- 5:50pm (Z 3316) LAB
0105 MWF.....2:00pm- 2:50pm (Z 1410) Talaga, R
Th.....12:00pm- 1:50pm (Z 3316) LAB

PHYS121 Fundamentals of Physics I; Grade Method: 4 credits
REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinic, Z 1214, MTWHF 11,1. Laboratories and recitations begin week of September 8.
0101 MWF.....10:00am-10:50am (Z 1410) Gates Jr., S
W.....4:00pm- 5:50pm (Z 3306) LAB
W.....3:00pm- 3:50pm (Z 0405) DIS
0102 MWF.....10:00am-10:50am (Z 1410) Gates Jr., S
M.....4:00pm- 5:50pm (Z 3306) LAB
M.....3:00pm- 3:50pm (Z 0405) DIS
0103 MWF.....10:00am-10:50am (Z 1410) Gates Jr., S
Tu.....11:00am-12:50pm (Z 3306) LAB
Tu.....10:00am-10:50am (Z 4208) DIS
0104 MWF.....10:00am-10:50am (Z 1410) Gates Jr., S
Tu.....1:00pm- 2:50pm (Z 3306) LAB
Tu.....12:00pm-12:50pm (Z 1402) DIS
0105 MWF.....10:00am-10:50am (Z 1410) Gates Jr., S
W.....12:00pm- 1:50pm (Z 3306) LAB
W.....11:00am-11:50am (Z 4220) DIS
0201 MWF.....12:00pm-12:50pm (Z 1410) Bhagat, S
W.....9:00am-10:50am (Z 3306) LAB
W.....8:00am- 8:50am (Z 1219) DIS
0202 MWF.....12:00pm-12:50pm (Z 1410) Bhagat, S
W.....2:00pm- 3:50pm (Z 3306) LAB
W.....1:00pm- 1:50pm (Z 1219) DIS
0203 MWF.....12:00pm-12:50pm (Z 1410) Bhagat, S
Th.....11:00am-12:50pm (Z 3306) LAB
Th.....10:00am-10:50am (ZP 1228) DIS
0204 MWF.....12:00pm-12:50pm (Z 1410) Bhagat, S
Th.....9:00am-10:50am (Z 3306) LAB
Th.....8:00am- 8:50am (Z 1221) DIS
0205 MWF.....12:00pm-12:50pm (Z 1410) Bhagat, S
Th.....1:00pm- 2:50pm (Z 3306) LAB
Th.....12:00pm-12:50pm (Z 1221) DIS
0206 MWF.....12:00pm-12:50pm (Z 1410) Bhagat, S
M.....2:00pm- 3:50pm (Z 3306) LAB
M.....1:00pm- 1:50pm (Z 1221) DIS
0301 TuTh.....12:30pm- 1:45pm (Z 1410) Hamilton, D

Tu.....9:00am-10:50am (Z 3306) LAB
Tu.....8:00am- 8:50am (Z 1402) DIS
0302 TuTh.....12:30pm- 1:45pm (Z 1410) Hamilton, D
M.....10:00am-11:50am (Z 3306) LAB
M.....9:00am- 9:50am (Z 1402) DIS
0303 TuTh.....12:30pm- 1:46pm (Z 1410) Hamilton, D
M.....12:00pm- 1:50pm (Z 3306) LAB
M.....11:00am-11:50am (Z 1221) DIS
0304 TuTh.....12:30pm- 1:45pm (Z 1410) Hamilton, D
Th.....4:00pm- 5:50pm (Z 3306) LAB
Th.....3:00pm- 3:50pm (Z 1221) DIS
0305 TuTh.....12:30pm- 1:45pm (Z 1410) Hamilton, D
Tu.....3:00pm- 4:50pm (Z 3306) LAB
Tu.....2:00pm- 2:50pm (Z 4220) DIS
0401 MW.....7:00pm- 8:30pm (Z 1412) Kniffen, D
Tu.....7:30pm- 9:20pm (Z 3306) LAB
Tu.....6:30pm- 7:20pm (Z 4220) DIS
0402 MW.....7:00pm- 8:30pm (Z 1412) Kniffen, D
Th.....7:30pm- 9:20pm (Z 3306) LAB
Th.....6:30pm- 7:20pm (Z 4220) DIS

PHYS122 Fundamentals of Physics II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinic, Z 1214, MTWHF 12,2. Laboratories and recitations begin week of September 8. — 4 credits
0101 MWF.....1:00pm- 1:50pm (Z 1410) Chant, N
M.....4:00pm- 5:50pm (Z 3312) LAB
M.....3:00pm- 3:50pm (Z 4208) DIS
0102 MWF.....1:00pm- 1:50pm (Z 1410) Chant, N
Tu.....9:00am-10:50am (Z 3312) LAB
Tu.....8:00am- 8:50am (Z 4208) DIS
0103 MWF.....1:00pm- 1:50pm (Z 1410) Chant, N
Tu.....12:00pm- 1:50pm (Z 3312) LAB
Tu.....11:00am-11:50am (Z 4220) DIS
0104 MWF.....1:00pm- 1:50pm (Z 1410) Chant, N
Tu.....2:00pm- 3:50pm (Z 3312) LAB
Tu.....1:00pm- 1:50pm (Z 1219) DIS
0105 MWF.....1:00pm- 1:50pm (Z 1410) Chant, N
W.....9:00am-10:50am (Z 3312) LAB
W.....8:00am- 8:50am (Z 1402) DIS
0106 MWF.....1:00pm- 1:50pm (Z 1410) Chant, N
W.....3:00pm- 4:50pm (Z 3312) LAB
W.....2:00pm- 2:50pm (Z 1402) DIS
0107 MWF.....1:00pm- 1:50pm (Z 1410) Chant, N
Th.....9:00am-10:50am (Z 3312) LAB
Th.....8:00am- 8:50am (Z 4208) DIS

PHYS141 Principles of Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinics, Z 1214, MTWHF 10,12. Laboratories and recitations begin week of September 8. — 4 credits
0101 MWF.....11:00am-11:50am (Z 1410) Layman, J
M.....1:00pm- 2:50pm (Z 3314) LAB
M.....12:00pm-12:50pm (ZP 1124) DIS
0102 MWF.....11:00am-11:50am (Z 1410) Layman, J
M.....4:00pm- 5:50pm (Z 3314) LAB
M.....3:00pm- 3:50pm (Z 1221) DIS
0103 MWF.....11:00am-11:50am (Z 1410) Layman, J
Tu.....9:00am-10:50am (Z 3314) LAB
Tu.....8:00am- 8:50am (Z 1221) DIS
0104 MWF.....11:00am-11:50am (Z 1410) Layman, J
Tu.....11:00am-12:50pm (Z 3314) LAB
Tu.....10:00am-10:50am (Z 4220) DIS
0105 MWF.....11:00am-11:50am (Z 1410) Layman, J
Tu.....2:00pm- 3:50pm (Z 3314) LAB
Tu.....1:00pm- 1:50pm (Z 4220) DIS

PHYS142 Principles of Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinic Z 1214, MTUWHF 2. Laboratories and recitations begin week of September 8. — 4 credits
0101 MWF.....3:00pm- 3:50pm (Z 1410) Glover III, R
Th.....9:00am-10:50am (Z 3310) LAB
Th.....8:00am- 8:50am (Z 4220) DIS
0102 MWF.....3:00pm- 3:50pm (Z 1410) Glover III, R
Th.....12:00pm- 1:50pm (Z 3310) LAB
Th.....11:00am-11:50am (Z 4220) DIS
0103 MWF.....3:00pm- 3:50pm (Z 1410) Glover III, R
Th.....2:00pm- 3:50pm (Z 3310) LAB
Th.....1:00pm- 1:50pm (Z 1219) DIS

PHYS161 General Physics: Mechanics and Particle Dynamics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinic, Z 1214,MTUWHF 11, 2. Recitations begin week of September 8. — 3 credits
0101 MWF.....3:00pm- 3:50pm (Z 1412) Kacser, C
F.....1:00pm- 1:50pm (Z 1219) DIS
0102 MWF.....3:00pm- 3:50pm (Z 1412) Kacser, C
W.....9:00am- 9:50am (Z 1402) DIS
0103 MWF.....3:00pm- 3:50pm (Z 1412) Kacser, C
M.....4:00pm- 4:50pm (Z 4220) DIS
0104 MWF.....3:00pm- 3:50pm (Z 1412) Kacser, C
Tu.....8:00am- 8:50am (Z 4220) DIS
0105 MWF.....3:00pm- 3:50pm (Z 1412) Kacser, C
W.....2:00pm- 2:50pm (Z 4220) DIS
0106 MWF.....3:00pm- 3:50pm (Z 1412) Kacser, C
Th.....10:00am-10:50am (Z 4220) DIS
0201 TuTh.....12:30pm- 1:45pm (Z 1412) Van Orden, J
M.....11:00am-11:50am (Z 4220) DIS
0202 TuTh.....12:30pm- 1:45pm (Z 1412) Van Orden, J
Tu.....2:00pm- 2:50pm (Z 1221) DIS
0203 TuTh.....12:30pm- 1:45pm (Z 1412) Van Orden, J
W.....3:00pm- 3:50pm (Z 1402) DIS
0204 TuTh.....12:30pm- 1:45pm (Z 1412) Van Orden, J
Th.....11:00am-11:50am (Z 1402) DIS
0205 TuTh.....12:30pm- 1:45pm (Z 1412) Van Orden, J
W.....11:00am-11:50am (Z 0405) DIS
0206 TuTh.....12:30pm- 1:45pm (Z 1412) Van Orden, J
W.....9:00am- 9:50am (Z 4208) DIS
0301 MWF.....10:00am-10:50am (Z 1412) Fivel, D
Tu.....3:00pm- 3:50pm (Z 4208) DIS
0302 MWF.....10:00am-10:50am (Z 1412) Fivel, D
W.....9:00am- 9:50am (Z 4220) DIS
0303 MWF.....10:00am-10:50am (Z 1412) Fivel, D
W.....1:00pm- 1:50pm (Z 4220) DIS
0304 MWF.....10:00am-10:50am (Z 1412) Fivel, D
Th.....1:00pm- 1:50pm (Z 4220) DIS
0305 MWF.....10:00am-10:50am (Z 1412) Fivel, D
Th.....12:00pm-12:50pm (Z 4220) DIS
0306 MWF.....10:00am-10:50am (Z 1412) Fivel, D
Tu.....2:00pm- 2:50pm (Z 1402) DIS
0401 MWF.....9:00am- 9:50am (Z 1410) Rosenberg, T
M.....10:00am-10:50am (Z 0405) DIS
0402 MWF.....9:00am- 9:50am (Z 1410) Rosenberg, T
M.....1:00pm- 1:50pm (Z 0405) DIS
0403 MWF.....9:00am- 9:50am (Z 1410) Rosenberg, T
Th.....8:00am- 8:50am (Z 0405) DIS
0404 MWF.....9:00am- 9:50am (Z 1410) Rosenberg, T
Th.....12:00pm-12:50pm (Z 0405) DIS
0405 MWF.....9:00am- 9:50am (Z 1410) Rosenberg, T
Th.....3:00pm- 3:50pm (Z 0405) DIS

PHYS161H (PermReq) General Physics: Mechanics and Particle Dynamics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits
0101 Time and room to be arranged Rosenberg, T

PHYS191 Introductory Physics: Mechanics; Grade Method: REG/P-F/AUD; Co-requisites: MATH 140 and PHYS 195. Course meets University Studies Program Distributive Studies Lab-Science requirement when taken with PHYS 195. — 3 credits
0101 MTuThF.....9:00am- 9:50am (Z 4220) Brill, D
0201 MTuThF....11:00am-11:50am (Z 0405) Alley, C

PHYS191H (PermReq) Introductory Physics: Mechanics; Grade Method: REG/P-F/AUD; Corequisites: MATH 140 and PHYS 195. Course meets University Studies Program Distributive Studies Lab-Science requirement when taken with PHYS 195. — 3 credits
0101 MTuThF.....9:00am- 9:50am (Z 4208) Redish, E

PHYS192 Introductory Physics: Thermodynamics, Waves and Special Relativity; Grade Method: REG/P-F/AUD; Co-requisite: PHYS 196. Course meets University Studies Program Distributive Studies Lab Science requirement when taken with PHYS 196. — 3 credits
0101 MTuThF....10:00am-10:50am (Z 1402) Griffin, J

PHYS195 (PermReq) Introductory Physics Laboratory I; Grade Method: REG/P-F/AUD; Corequisite: PHYS 191. Recitations meet alternate weeks. Labs begin first week of classes. Physics majors only. — 1 credit
0201 F.....12:00pm- 2:50pm (Z 3203) LAB Desilva, A
0301 W.....9:00am-11:50am (Z 3203) LAB Mason, G
0401 W.....1:00pm- 3:50pm (Z 3203) LAB Desilva, A
0601 Th.....2:00pm- 4:50pm (Z 3203) LAB Mason, G

PHYS196 (PermReq) Introductory Physics Laboratory II; Grade Method: REG/P-F/AUD; Corequisite; PHYS 192. Recitations meet alternate weeks. Labs begin week of September 8. Physics majors only. — 1 credit
0101 M.....3:00pm- 5:50pm (Z 3203) LAB Weber, J
0201 M.....12:00pm- 2:50pm (Z 3203) LAB Weber, J

PHYS262 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinic, Z 1214, MTUWHF 10, 12, 2. PHYS 262A must be taken concurrently. Recitations begin week of September 8. — 4 credits
0101 MWF.....1:00pm- 1:50pm (Z 1412) Greenberg, O
M.....2:00pm 2:50pm (Z 1402) DIS
0102 MWF.....1:00pm- 1:50pm (Z 1412) Greenberg, O
W.....11:00am-11:50am (Z 1221) DIS
0103 MWF.....1:00pm- 1:50pm (Z 1412) Greenberg, O
M.....3:00pm- 3:50pm (Z 1402) DIS
0104 MWF.....1:00pm- 1:50pm (Z 1412) Greenberg, O
M.....8:00am- 8:50am (Z 1402) DIS
0105 MWF.....1:00pm- 1:50pm (Z 1412) Greenberg, O
W.....10:00am-10:50am (Z 1402) DIS
0106 MWF.....1:00pm- 1:50pm (Z 1412) Greenberg, O
W.....2:00pm- 2:50pm (Z 4208) DIS
0201 MWF.....11:00am-11:50am (Z 1412) Banerjee, M
W.....1:00pm- 1:50pm (C 0122) DIS
0202 MWF.....11:00am-11:50am (Z 1412) Baneriee, M
M.....2:00pm- 2:50pm (Z 4208) DIS
0203 MWF.....11:00am-11:50am (Z 1412) Banerjee, M
Th.....11:00am-11:50am (Z 1221) DIS
0204 MWF.....11:00am-11:50am (Z 1412) Banerjee, M
F.....2:00pm- 2:50pm (Z 4208) DIS
0205 MWF.....11:00am-11:50am (Z 1412) Banerjee, M
Tu.....8:00am- 8:50am (Z 0405) DIS
0206 MWF.....11:00am-11:50am (Z 1412) Banerjee, M
Tu.....12:00pm-12:50pm (Z 0405) DIS
0301 TuTh.....8:00am- 9:15am (Z 1412) Earl, J
Th.....2:00pm- 2:50pm (Z 1221) DIS
0302 TuTh.....8:00am- 9:15am (Z 1412) Earl, J
F.....11:00am-11:50am (Z 1221) DIS
0303 TuTh.....8:00am- 9:15am (Z 1412) Earl, J
Tu.....3:00pm- 3:50pm (Z 1221) DIS
0304 TuTh.....8:00am- 9:15am (Z 1412) Earl, J
M.....2:00pm- 2:50pm (Z 4220) DIS
0305 TuTh.....8:00am- 9:15am (Z 1412) Earl, J
Tu.....12:00pm-12:50pm (Z 1221) DIS
0401 MW.....7:00pm- 9:00pm (Z 1410) Tylka, A
MW.....7:00pm- 9:00pm (Z 4220) DIS
0402 MW.....7:00pm- 9:00pm (Z 1410) Tylka, A
MW.....7:00pm- 9:00pm (Z 1402) DIS

PHYS262A General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); Grade Method: NGI; PHYS 262 must be taken concurrently. Sections begin week of September 8. — No credit
0101 M.....1:00pm- 2:50pm (Z 3219) LAB Zorn, G
0102 M.....3:00pm- 4:50pm (Z 3219) LAB Zorn, G
0103 Tu.....8:00am- 9:50am (Z 3219) LAB Zorn, G
0104 Tu.....10:00am-11:50am (Z 3219) LAB Zorn, G
0105 Tu.....12:00pm- 1:50pm (Z 3219) LAB Zorn, G
0106 Tu.....2:00pm- 3:50pm (Z 3219) LAB Zorn, G
0107 Tu.....4:00pm- 5:50pm (Z 3219) LAB Zorn, G
0108 W.....8:00am- 9:50am (Z 3219) LAB Zorn, G
0109 W.....10:00am-11:50am (Z 3219) LAB Zorn, G
0110 W.....12:00pm- 1:50pm (Z 3219) LAB Zorn, G
0111 W.....2:00pm- 3:50pm (Z 3219) LAB Zorn, G
0112 W.....4:00pm- 5:50pm (Z 3219) LAB Zorn, G
0113 Th.....8:00am- 9:50am (Z 3219) LAB Zorn, G
0114 Th.....10:00am-11:50am (Z 3219) LAB Zorn, G
0115 Th.....12:00pm- 1:50pm (Z 3219) LAB Zorn, G
0116 Th.....2:00pm- 3:50pm (Z 3219) LAB Zorn, G
0117 Tu.....7:00pm- 8:50pm (Z 3219) LAB Zorn, G
0118 Th.....4:00pm- 5:50pm (Z 3219) LAB Zorn, G
0119 Th.....7:00pm- 8:50pm (Z 3219) LAB Zorn, G

PHYS262H (PermReq) General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; PHYS 262A must be taken concurrently. — 4 credits
0101 MWF.....1:00pm- 1:50pm (Z 1412) Greenberg, O
Tu.....1:00pm- 1:50pm (Z 1218) DIS
0201 MWF.....11:00am-11:50am (Z 1412) Banerjee, M
Tu.....1:00pm- 1:50pm (Z 1218) DIS
0301 TuTh.....8:00am- 9:15am (Z 1412) Earl, J
Tu.....1:00pm- 1:50pm (Z 1218) DIS

PHYS263 General Physics: Electrodynamics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinic, Z 1214, MTUWHF 10,11,1. PHYS 263A must be taken concurrently. Recitations begin week of September 8. — 4 credits
0101 MW.....4:00pm- 5:15pm (Z 1410) Fivel, D
Th.....10:00am-10:50am (Z 4208) DIS
0102 MW.....4:00pm- 5:15pm (Z 1410) Fivel, D
M.....1:00pm- 1:50pm (Z 1219) DIS
0103 MW.....4:00pm- 5:15pm (Z 1410) Fivel, D
W.....3:00pm- 3:50pm (Z 4208) DIS
0104 MW.....4:00pm- 5:15pm (Z 1410) Fivel, D
Tu.....1:00pm- 1:50pm (Z 1221) DIS
0201 TuTh.....8:00am- 9:15am (Z 1410) Wilkerson, T
M.....1:00pm- 1:50pm (Z 4220) DIS
0202 TuTh.....8:00am- 9:15am (Z 1410) Wilkerson, T
Tu.....11:00am-11:50am (Z 1221) DIS
0203 TuTh.....8:00am- 9:15am (Z 1410) Wilkerson, T
F.....9:00am- 9:50am (Z 1402) DIS
0204 TuTh.....8:00am- 9:15am (Z 1410) Wilkerson, T
W.....1:00pm- 1:50pm (Z 1221) DIS
0205 TuTh.....8:00am- 9:15am (Z 1410) Wilkerson, T
Tu.....2:00pm- 2:50pm (Z 4208) DIS
0301 MWF.....12:00pm-12:50pm (Z 1412) Erickson, W
Tu.....8:00am- 8:50am (Z 1219) DIS
0302 MWF.....12:00pm-12:50pm (Z 1412) Erickson, W
W.....10:00am-10:50am (Z 1221) DIS
0303 MWF.....12:00pm-12:50pm (Z 1412) Erickson, W
Tu.....3:00pm- 3:50pm (Z 0405) DIS
0304 MWF.....12:00pm-12:50pm (Z 1412) Erickson, W
W.....1:00pm- 1:50pm (Z 1402) DIS
0305 MWF.....12:00pm-12:50pm (Z 1412) Erickson, W
F.....1:00pm- 1:50pm (Z 1221) DIS
0306 MWF.....12:00pm-12:50pm (Z 1412) Erickson, W
Th.....1:00pm- 1:50pm (Z 1221) DIS
0307 MWF.....12:00pm-12:50pm (Z 1412) Erickson, W
Tu.....2:00pm- 2:50pm (ZP 1124) DIS

PHYS263A General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); Grade Method: NGI; Laboratory. Sections begin week of September 8. PHYS 263 must be taken concurrently. — No credit
0101 M.....1:00pm- 2:50pm (Z 3220) LAB Zorn, G
0102 M.....3:00pm- 4:50pm (Z 3220) LAB Zorn, G
0103 Tu.....8:00am- 9:50am (Z 3220) LAB Zorn, G
0104 Tu.....10:00am-11:50am (Z 3220) LAB Zorn, G
0105 Tu.....12:00pm- 1:50pm (Z 3220) LAB Zorn, G
0106 Tu.....2:00pm- 3:50pm (Z 3220) LAB Zorn, G
0107 Tu.....4:00pm- 5:50pm (Z 3220) LAB Zorn, G
0108 Tu.....7:00pm- 8:50pm (Z 3220) LAB Zorn, G
0109 W.....8:00am- 9:50am (Z 3220) LAB Zorn, G
0110 W.....10:00am-11:50am (Z 3220) LAB Zorn, G
0111 W.....12:00pm- 1:50pm (Z 3220) LAB Zorn, G
0112 W.....2:00pm- 3:50pm (Z 3220) LAB Zorn, G
0113 W.....4:00pm- 5:50pm (Z 3220) LAB Zorn, G
0114 Th.....8:00am- 9:50am (Z 3220) LAB Zorn, G
0115 Th.....10:00am-11:50am (Z 3220) LAB Zorn, G
0116 Th.....12:00pm- 1:50pm (Z 3220) LAB Zorn, G
0117 Th.....2:00pm- 3:50pm (Z 3220) LAB Zorn, G
0118 Th.....4:00pm- 5:50pm (Z 3220) LAB Zorn, G
0119 Th.....7:00pm- 8:50pm (Z 3220) LAB Zorn, G

PHYS293 Introductory Physics: Electricity and Magnetism; Grade Method: REG/P-F/AUD; Corequisite: PHYS 295 or 295H. Course meets University Studies Program Distributive Studies Lab Science requirement when taken with PHYS 295 or 295H. — 3 credits
0101 M.....11:00am-12:40pm (Z 1402) Kelly, J
WF.....11:00am-11:50am (Z 1402)

PHYS293H (PermReq) Introductory Physics: Electricity and Magnetism; Grade Method: REG/P-F/AUD; Corequisite: PHYS 295 or 295H. Course meets University Studies Program Distributive Studies Lab-Science requirement when taken with PHYS 295 or 295H. — 3 credits
0101 M.....11:00am-12:40pm (Z 1402) Kelly, J
WF.....11:00am-11:50am (Z 1402)

PHYS294 Introductory Physics: Optics and Modern Physics; Grade Method: REG/P-F/AUD; Co-requisite: PHYS296 or 296H, and MATH241 or 240. Course meets University Studies Program Distributive Studies Lab-Science requirement when taken with PHYS296 or 296H. — 3 credits
0101 M.....12:00pm-12:50pm (Z 0405) Kacser, C
WF.....12:00pm- 1:15pm (Z 0405)

PHYS294H Introductory Physics: Optics and Modern — 3 credits

(PermReq) Physics; Grade Method: REG/P-F/AUD; Corequisite: PHYS 296 or 296H, and MATH 241 or 240. Course meets University Studies Program Distributive Studies Lab-Science requirement when taken with PHYS 296 or 296H.
0101 M.....12:00pm-12:50pm (Z 0405) Kacser, C
WF.....12:00pm- 1:15pm (Z 0405)

PHYS295 Introductory Laboratory in Electricity and Magnetism; Grade Method: REG/P-F/AUD; Corequisite: PHYS 293 or 293H. Labs begin first week of classes. Physics majors only. — 2 credits
0101 M.....2:00pm- 6:00pm (Z 3211) LAB Boyd, D
0201 Tu.....12:00pm- 4:00pm (Z 3211) LAB Paik, H
0301 W.....1:00pm- 5:00pm (Z 3211) LAB Boyd, D
0401 Th.....1:00pm- 5:00pm (Z 3211) LAB Paik, H

PHYS295H (PermReq) Introductory Laboratory in Electricity and Magnetism; Grade Method: REG/P-F/AUD; Corequisite: PHYS 293 or 293H. Labs begin first week of classes. — 2 credits
0101 M.....2:00pm- 6:00pm (Z 3211) LAB Boyd, D
0201 Tu.....12:00pm- 4:00pm (Z 3211) LAB Paik, H
0301 W.....1:00pm- 5:00pm (Z 3211) LAB Boyd, D
0401 Th.....1:00pm- 5:00pm (Z 3211) LAB Paik, H

PHYS296 Introductory Laboratory in Electromagnetic Waves; Grade Method: REG/P-F/AUD; Corequisite: PHYS 294 or 294H. Labs begin first week of classes. Physics majors only. — 2 credits
0101 W.....2:00pm- 6:00pm (Z 3104) LAB Glasser, R
0201 Th.....1:00pm- 5:00pm (Z 3104) LAB Glasser, R

PHYS296H (PermReq) Introductory Laboratory in Electromagnetic Waves; Grade Method: REG/P-F/AUD; Corequisite: PHYS 294 or 294H. Labs begin first week of classes. — 2 credits
0101 W.....2:00pm- 6:00pm (Z 3104) LAB Glasser, R
0201 Th.....1:00pm- 5:00pm (Z 3104) LAB Glasser, R

PHYS299 (PermReq) Special Problems in Physics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHYS305 Physics Shop Techniques; Grade Method: REG/P-F/AUD; — 1 credit
0101 Th.....2:00pm- 5:00pm (Z 0125) LAB Scesa, B

PHYS386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHYS387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHYS389 (PermReq) Undergraduate Thesis Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHYS395 Advanced Experiments; Grade Method: REG/P-F/AUD; In conjunction with lab hours scheduled below additional required lab time will be arranged. Labs begin first week of classes. Physics majors only. — 3 credits
0101 Th.....1:00pm- 5:00pm (Z 3210) LAB Roos, P
0102 W.....1:00pm- 5:00pm (Z 3210) LAB Roos, P

PHYS398 (PermReq) Independent Studies Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

PHYS398A Independent Studies Seminar; Grade Method: REG/P-F/AUD; — 1 credit
0101 Th.....3:00pm- 3:50pm (Z 1218) Dorfman, J

PHYS399 (PermReq) Special Problems in Physics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHYS400 Basic Concepts of Physics I; Grade Method: REG/P-F/AUD; Intended only for students who will continue in PHYS 401. — 3 credits
0101 MWF.....9:00am- 9:50am (Z 0405) Falk, D

PHYS404 Intermediate Theoretical Mechanics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....4:00pm- 5:15pm (Z 4208) Rapport, M

PHYS410 Elements of Theoretical Physics; Mechanics; Grade Method: REG/P-F/AUD; — 4 credits
0101 TuTh.....9:00am-11:00am (Z 1221) Ferrell, R

PHYS411 Elements of Theoretical Physics: Electricity and Magnetism; Grade Method: REG/P-F/AUD; — 4 credits
0101 TuTh.....9:00am-11:00am (Z 1219) Chen, H

PHYS420 Principles of Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 MW.....4:00pm- 5:15pm (Z 1412) Swank, L

PHYS421 Introduction to Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (Z 1219) Korenman, V

PHYS422 Modern Physics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (Z 1219) Kirkpatrick, T

PHYS429 Atomic and Nuclear Physics Laboratory; Grade Method: REG/P-F/AUD; Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of either one of the two regularly scheduled sections. Physics majors only. — 3 credits
0101 M.....1:00pm- 6:00pm (Z 3333) LAB Drew, H
0201 Th.....12:00pm- 5:00pm (Z 3333) LAB Gloeckler, G

PHYS461 Introduction to Fluid Dynamics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (CL 0109) Goldenbaum, G

PHYS483 Biophysics and Theoretical Biology; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....4:00pm- 5:15pm (Z 1221) Nossal, R

PHYS499A (PermReq) Special Problems in Physics: Individual Problems with Laboratory; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

PHYS499B (PermReq) Special Problems in Physics: Individual Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

PHYS499C Special Problems in Physics: Physics of Music; Grade Method: REG/P-F/AUD; Credit cannot be received for both PHYS 102 and PHYS 499C. — 3 credits
0301 MWF.....2:00pm- 2:50pm (Z 1412) Sucher, J

PHYS499F Special Problems in Physics: Twentieth Century Physics - Physics for Managers and Analysts; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: MATH 220 or MATH 140 — 3 credits
0101 MWF.....12:00pm-12:50pm (Z 4220) Misner, C

PHYS601 Theoretical Dynamics; Grade Method: REG/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (Z 0405) Kim, Y

PHYS602 Statistical Physics; Grade Method: REG/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (Z 4208) Glick, A

PHYS604 Methods of Mathematical Physics; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (Z 4208) Glucksternn, R

PHYS606 Electrodynamics; Grade Method: REG/AUD; — 4 credits
0101 TuTh.....9:00am-11:00am (Z 0405) Steinberg, P

PHYS607 Advanced Classical Physics; Grade Method: REG/AUD; — 3 credits
0101 WF.....8:30am- 9:50am (Z 1221) Prange, R

PHYS621 Graduate Laboratory; Grade Method: REG/AUD; All labs will extend 1 hour beyond those listed below. Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of either one of the two regularly scheduled sections. — 3 credits

0101	M.....1:00pm- 6:00pm (Z 3333) LAB		Drew, H
0201	Th.....12:00pm- 5:00pm (Z 3333) LAB		Gloeckler, G

PHYS622 Introduction to Quantum Mechanics I; Grade Method: REG/AUD; — 4 credits

0201	M... ....11:00am-12:45pm (Z 1219)		Skard, J
	WF.....11:00am-11:50am (Z 1219)		

PHYS623 Introduction to Quantum Mechanics II; Grade Method: REG/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (Z 1219)		Mohapatra, R

PHYS624 Advanced Quantum Mechanics; Grade Method: REG/AUD; — 3 credits

0101	MWF.....11:00am-11:50am (Z 4208)		Oneda, S

PHYS704 Statistical Mechanics; Grade Method: REG/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (Z 4220)		Zwanzig, R

PHYS709 Seminar in General Physics: Statistical Physics Seminar; Grade Method: REG/AUD; — 1 credit

0101	Tu.....12:00pm-12:50pm (Arranged)		Sengers, J

PHYS718 Seminar in General Physics: Atomic Physics and Quantum Electronics; Grade Method: REG/AUD; — 1 credit

0101	F.....1:30pm- 3:00pm (Z 1218)		Alley, C

PHYS719 Seminar in General Physics: Accelerator Theory and Dynamical Systems; Grade Method: REG/AUD; — 1 credit

0101	W.....4:00pm- 4:50pm (Z 4220)		Gluckstern, R

PHYS731 Solid State Physics: Survey; Grade Method: REG/AUD; — 3 credits

0101	MW.....2:30pm- 4:00pm (Z 1219)		Einstein, T

PHYS738 Seminar in Experimental Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD; — 1 credit

0101	Th.....4:00pm- 4:50pm (Z 4220)		Williams, E

PHYS739 Seminar in Theoretical Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD; — 1 credit

0101	Th.....4:00pm- 4:50pm (Z 4220)		Williams, E

PHYS741 Nuclear Physics: Survey; Grade Method: REG/AUD; — 3 credits

0101	TuTh.....1:00pm- 2:15pm (Z 0405)		Chang, C

PHYS748 Seminar in Experimental Nuclear Physics; Grade Method: REG/AUD; — 1 credit

0101	M.....3:00pm- 4:30pm (Z 1218)		Chant, N

PHYS749 Seminar in Theoretical Nuclear Physics; Grade Method: REG/AUD; — 1 credit

0101	W.....4:00pm- 5:30pm (Z 1218)		Banerjee, M

PHYS751 Elementary Particle Physics I: Survey; Grade Method: REG/AUD; — 3 credits

0101	ThF.....2:30pm- 4:00pm (Z 1402)		Yodh, G

PHYS758 Seminar in Elementary Particles and Quantum Field Theory: High Energy Physics; Grade Method: REG/AUD; — 1 credit

0101	W.....11:00am-11:50am (Z 4102)		Yodh, G

PHYS759 Seminar in Elementary Particles and Quantum Field Theory; Grade Method: REG/AUD; — 1 credit

0101	M.....3:00pm- 5:00pm (Z 4102)		Mohapatra, R

PHYS761 Plasma Physics I: Survey; Grade Method: REG/AUD; — 3 credits

0101	MWF.....12:00pm-12:50pm (Z 4208)		Hassam, A

PHYS769 Seminar in Plasma Physics; Grade Method: REG/AUD; Class will meet in LPF 1207 . — 1 credit

0101	M.....1:30pm- 2:30pm (Arranged)		Hassam, A

PHYS778 Seminar in Space and Cosmic Ray Physics: High Energy Astrophysics; Grade Method: REG/AUD; — 1 credit

0101	M.....4:30pm- 5:45pm (CSS 1113)		Gloeckler, G

PHYS779 Seminar in General Relativity; Grade Method: REG/AUD; — 1 credit

0101	W.....11:00am- 1:00pm (Z 1218)		Paik, H

PHYS798 Special Problems in Advanced Physics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHYS798B Special Problems in Advanced Physics: Introduction to Supersymmetry and Strings; Grade Method: REG/AUD; — 1-3 credits

0101	MWF.....1:00pm- 1:50pm (Z 4208)		Siegel, W

PHYS799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHYS839A Special Topics in Theoretical Solid State Physics; Grade Method: REG/AUD; — 3 credits

0101	MW.....1:00pm- 2:15pm (Z 1218)		Das-Sarma, S

PHYS849 Special Topics in Theoretical Nuclear Physics: Contemporary Topics Relativistic Nuclear Physics; Grade Method: REG/AUD; — 3 credits

0101	TuTh.....11:00am-12:15pm (Z 1219)		Wallace, S

PHYS875 Theory of Relativity: Survey; Grade Method: REG/AUD; — 3 credits

0101	TuTh.....9:30am-10:50am (Z 1218)		Hu, B

PHYS899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

Physics Colloquium meets TU4-5.30 in Z 1410 + Z 1412. Physics Journal Club meets Th4-5.30 in Z 1410.

PORT Portuguese (Arts and Humanities)

PORT101 Elementary Portuguese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits

0101	MWF.....12:00pm-12:50pm (LL 1226)		Igel, R
	Tu.....12:00pm-12:50pm (LL 1224)		

PORT102 Elementary Portuguese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits

0101	MWF.....1:00pm- 1:50pm (LL 1226)		STAFF
	Tu.....1:00pm- 1:50pm (LL 1224)		

PORT203 Intermediate Portuguese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits

0101	MWF.....11:00am-11:50am (LL 1120)		STAFF
	Tu.....11:00am-11:50am (LL 1125)		

PORT205 Intermediate Conversation; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....11:00am-11:50am (LL 2215F)		Igel, R

PORT221 Introduction to Brazilian Literature; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....1:00pm- 1:50pm (LL 1215)		Igel, R

PORT399 (PermReq) Independent Study in Portuguese; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PORT478 Themes and Movements of Luso-Brazilian Literature in Translation: Portuguese Literature in Translation; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (LL 1123)		Igel, R

PSYC Psychology (Behavior + Social Sci)

PSYC100 Introduction to Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Discussion sections do not meet until after first lecture — 3 credits

0110	MW.....10:00am-10:50am (ZP 1240)		Horton, D
	W.....12:00pm-12:50pm (ZP 1124)	DIS	
0111	MW.....10:00am-10:50am (ZP 1240)		Horton, D
	W.....1:00pm- 1:50pm (ZP 1124)	DIS	
0112	MW.....10:00am-10:50am (ZP 1240)		Horton, D
	W.....2:00pm- 2:50pm (ZP 1124)	DIS	
0113	MW.....10:00am-10:50am (ZP 1240)		Horton, D
	W.....3:00pm- 3:50pm (ZP 1124)	DIS	
0114	MW.....10:00am-10:50am (ZP 1240)		Horton, D
	Th.....11:00am-11:50am (ZP 1124)	DIS	
0115	MW.....10:00am-10:50am (ZP 1240)		Horton, D
	Th.....12:00pm-12:50pm (ZP 1124)	DIS	
0116	MW.....10:00am-10:50am (ZP 1240)		Horton, D
	Th.....1:00pm- 1:50pm (ZP 1124)	DIS	
0117	MW.....10:00am-10:50am (ZP 1240)		Horton, D
	Th.....2:00pm- 2:50pm (ZP 1124)	DIS	
0118	MW.....10:00am-10:50am (ZP 1240)		Horton, D
	Th.....3:00pm- 3:50pm (ZP 1124)	DIS	
0119	MW.....10:00am-10:50am (ZP 1240)		Horton, D
	F.....9:00am- 9:50am (ZP 1124)	DIS	
0120	MW.....10:00am-10:50am (ZP 1240)		Horton, D
	F.....10:00am-10:50am (ZP 1124)	DIS	
0121	MW.....10:00am-10:50am (ZP 1240)		Horton, D
	F.....11:00am-11:50am (ZP 1124)	DIS	
0122	MW.....10:00am-10:50am (ZP 1240)		Horton, D
	F.....12:00pm-12:50pm (ZP 1124)	DIS	
0123	MW.....10:00am-10:50am (ZP 1240)		Horton, D
	F.....1:00pm- 1:50pm (ZP 1124)	DIS	
0220	MW.....2:00pm- 2:50pm (ZP 1240)		Fretz, B
	W.....3:00pm- 3:50pm (ZP 1228)	DIS	
0221	MW.....2:00pm- 2:50pm (ZP 1240)		Fretz, B
	W.....4:00pm- 4:50pm (ZP 1228)	DIS	
0222	MW.....2:00pm- 2:50pm (ZP 1240)		Fretz, B
	Th.....9:00am- 9:50am (ZP 1228)	DIS	
0223	MW.....2:00pm- 2:50pm (ZP 1240)		Fretz, B
	Th.....12:00pm-12:50pm (ZP 1228)	DIS	
0224	MW.....2:00pm- 2:50pm (ZP 1240)		Fretz, B
	Th.....1:00pm- 1:50pm (ZP 1228)	DIS	
0225	MW.....2:00pm- 2:50pm (ZP 1240)		Fretz, B
	Th.....2:00pm- 2:50pm (ZP 1228)	DIS	
0226	MW.....2:00pm- 2:50pm (ZP 1240)		Fretz, B
	Th.....3:00pm- 3:50pm (ZP 1228)	DIS	
0227	MW.....2:00pm- 2:50pm (ZP 1240)		Fretz, B
	Th.....4:00pm- 4:50pm (ZP 1228)	DIS	
0228	MW.....2:00pm- 2:50pm (ZP 1240)		Fretz, B
	F.....9:00am- 9:50am (ZP 1228)	DIS	
0229	MW.....2:00pm- 2:50pm (ZP 1240)		Fretz, B
	F.....10:00am-10:50am (ZP 1228)	DIS	
0230	MW.....2:00pm- 2:50pm (ZP 1240)		Fretz, B
	F.....11:00am-11:50am (ZP 1228)	DIS	
0231	MW.....2:00pm- 2:50pm (ZP 1240)		Fretz, B
	F.....12:00pm-12:50pm (ZP 1228)	DIS	
0232	MW.....2:00pm- 2:50pm (ZP 1240)		Fretz, B
	F.....1:00pm- 1:50pm (ZP 1228)	DIS	
0233	MW.....2:00pm- 2:50pm (ZP 1240)		Fretz, B
	F.....2:00pm- 2:50pm (ZP 1124)	DIS	
0330	MW.....3:00pm- 3:50pm (ZP 1240)		Mansbach, W
	W.....4:00pm- 4:50pm (ZP 1232)	DIS	
0331	MW.....3:00pm- 3:50pm (ZP 1240)		Mansbach, W
	Th.....9:00am- 9:50am (ZP 1232)	DIS	
0332	MW.....3:00pm- 3:50pm (ZP 1240)		Mansbach, W
	Th.....12:00pm-12:50pm (ZP 1232)	DIS	
0333	MW.....3:00pm- 3:50pm (ZP 1240)		Mansbach, W
	Th.....1:00pm- 1:50pm (ZP 1232)	DIS	
0334	MW.....3:00pm- 3:50pm (ZP 1240)		Mansbach, W
	Th.....2:00pm- 2:50pm (ZP 1232)	DIS	
0335	MW.....3:00pm- 3:50pm (ZP 1240)		Mansbach, W
	Th.....3:00pm- 3:50pm (ZP 1232)	DIS	
0336	MW.....3:00pm- 3:50pm (ZP 1240)		Mansbach, W
	Th.....4:00pm- 4:50pm (ZP 1232)	DIS	
0337	MW.....3:00pm- 3:50pm (ZP 1240)		Mansbach, W
	F.....9:00am- 9:50am (ZP 1232)	DIS	
0338	MW.....3:00pm- 3:50pm (ZP 1240)		Mansbach, W
	F.....10:00am-10:50am (ZP 1232)	DIS	
0339	MW.....3:00pm- 3:50pm (ZP 1240)		Mansbach, W
	F.....11:00am-11:50am (ZP 1232)	DIS	
0340	MW.....3:00pm- 3:50pm (ZP 1240)		Mansbach, W
	F.....12:00pm-12:50pm (ZP 1232)	DIS	
0341	MW.....3:00pm- 3:50pm (ZP 1240)		Mansbach, W
	F.....1:00pm- 1:50pm (ZP 1232)	DIS	
0342	MW.....3:00pm- 3:50pm (ZP 1240)		Mansbach, W
	F.....2:00pm- 2:50pm (ZP 1232)	DIS	
0343	MW.....3:00pm- 3:50pm (ZP 1240)		Mansbach, W
	F.....3:00pm- 3:50pm (ZP 1232)	DIS	
0440	TuTh.....12:00pm-12:50pm (ZP 1240)		Martin, J
	Th.....1:00pm- 1:50pm (ZP 1234)	DIS	
0441	TuTh.....12:00pm-12:50pm (ZP 1240)		Martin, J
	Th.....2:00pm- 2:50pm (ZP 1234)	DIS	
0442	TuTh.....12:00pm-12:50pm (ZP 1240)		Martin, J
	Th.....3:00pm- 3:50pm (ZP 1234)	DIS	
0443	TuTh.....12:00pm-12:50pm (ZP 1240)		Martin, J
	Th.....4:00pm- 4:50pm (ZP 1234)	DIS	
0444	TuTh.....12:00pm-12:50pm (ZP 1240)		Martin, J
	F.....9:00am- 9:50am (ZP 1234)	DIS	
0445	TuTh.....12:00pm-12:50pm (ZP 1240)		Martin, J
	F.....10:00am-10:50am (ZP 1234)	DIS	
0446	TuTh.....12:00pm-12:50pm (ZP 1240)		Martin, J
	F.....11:00am-11:50am (ZP 1234)	DIS	
0447	TuTh.....12:00pm-12:50pm (ZP 1240)		Martin, J
	F.....12:00pm-12:50pm (ZP 1234)	DIS	
0448	TuTh.....12:00pm-12:50pm (ZP 1240)		Martin, J
	F.....1:00pm- 1:50pm (ZP 1234)	DIS	
0449	TuTh.....12:00pm-12:50pm (ZP 1240)		Martin, J
	F.....2:00pm- 2:50pm (ZP 1234)	DIS	
0450	TuTh.....12:00pm-12:50pm (ZP 1240)		Martin, J
	W.....9:00am- 9:50am (ZP 1234)	DIS	
0451	TuTh.....12:00pm-12:50pm (ZP 1240)		Martin, J
	W.....10:00am-10:50am (ZP 1234)	DIS	
0452	TuTh.....12:00pm-12:50pm (ZP 1240)		Martin, J
	W.....11:00am-11:50am (ZP 1234)	DIS	
0453	TuTh.....12:00pm-12:50pm (ZP 1240)		Martin, J
	W.....12:00pm-12:50pm (ZP 1234)	DIS	
0550	TuTh.....1:00pm- 1:50pm (ZP 1240)		Sceery, A
	Tu.....2:00pm- 2:50pm (ZP 1234)	DIS	
0551	TuTh.....1:00pm- 1:50pm (ZP 1240)		Sceery, A
	Tu.....3:00pm- 3:50pm (ZP 1234)	DIS	
0552	TuTh.....1:00pm- 1:50pm (ZP 1240)		Sceery, A
	Tu.....4:00pm- 4:50pm (ZP 1234)	DIS	
0553	TuTh.....1:00pm- 1:50pm (ZP 1240)		Sceery, A
	M.....9:00am- 9:50am (ZP 1234)	DIS	
0554	TuTh.....1:00pm- 1:50pm (ZP 1240)		Sceery, A
	M.....10:00am-10:50am (ZP 1234)	DIS	
0555	TuTh.....1:00pm- 1:50pm (ZP 1240)		Sceery, A
	M.....11:00am-11:50am (ZP 1234)	DIS	
0556	TuTh.....1:00pm- 1:50pm (ZP 1240)		Sceery, A
	M.....12:00pm-12:50pm (ZP 1234)	DIS	
0557	TuTh.....1:00pm- 1:50pm (ZP 1240)		Sceery, A
	M.....1:00pm- 1:50pm (ZP 1234)	DIS	
0558	TuTh.....1:00pm- 1:50pm (ZP 1240)		Sceery, A
	M.....2:00pm- 2:50pm (ZP 1234)	DIS	
0559	TuTh.....1:00pm- 1:50pm (ZP 1240)		Sceery, A
	M.....3:00pm- 3:50pm (ZP 1234)	DIS	
0560	TuTh.....1:00pm- 1:50pm (ZP 1240)		Sceery, A
	M.....4:00pm- 4:50pm (ZP 1234)	DIS	
0561	TuTh.....1:00pm- 1:50pm (ZP 1240)		Sceery, A
	W.....2:00pm- 2:50pm (ZP 1234)	DIS	
0562	TuTh.....1:00pm- 1:50pm (ZP 1240)		Sceery, A
	W.....3:00pm- 3:50pm (ZP 1234)	DIS	
0563	TuTh.....1:00pm- 1:50pm (ZP 1240)		Sceery, A
	W.....4:00pm- 4:50pm (ZP 1234)	DIS	
0115	MW.....1:00pm- 1:50pm (ZP 1240)		STAFF
	Th.....2:00pm- 2:50pm (ZP 2109)	DIS	
0116	MW.....1:00pm- 1:50pm (ZP 1240)		STAFF
	F.....10:00am-10:50am (ZP 1105)	DIS	
0117	MW.....1:00pm- 1:50pm (ZP 1240)		STAFF
	F.....11:00am-11:50am (ZP 2109)	DIS	
0118	MW.....1:00pm- 1:50pm (ZP 1240)		STAFF
	F.....12:00pm-12:50pm (ZP 1236)	DIS	
0119	MW.....1:00pm- 1:50pm (ZP 1240)		STAFF
	F.....1:00pm- 1:50pm (ZP 1236)	DIS	

PSYC100H (PermReq) Introduction to Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Honors. Permission may be obtained in the General Honors Program Office (0110 Hornbake) or in ZP 1141. — 3 credits

0201	TuTh.....12:30pm- 1:45pm (ZP 1236)		Sternheim, C

PSYC200 Statistical Methods in Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100 and MATH 111 or 140 or 220. — 3 credits

0101	MWF.....11:00am-11:50am (ZP 1238)		Larkin, W
0201	MWF.....1:00pm- 1:50pm (ZP 1238)		Larkin, W
0301	MWF.....2:00pm- 2:50pm (ZP 1238)		Norman, K
0401	TuTh.....9:30am-10:45am (ZP 1238)		Penner, M
0501	TuTh.....2:00pm- 3:15pm (ZP 1238)		Penner, M
0601	TuTh.....3:30pm- 4:45pm (ZP 1238)		Martin, J

PSYC221 Social Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisite: PSYC 100. — 3 credits

0110	MW.....1:00pm- 1:50pm (ZP 1240)		STAFF
	W.....2:00pm- 2:50pm (ZP 1232)	DIS	
0111	MW.....1:00pm- 1:50pm (ZP 1240)		STAFF
	W.....3:00pm- 3:50pm (ZP 1232)	DIS	
0112	MW.....1:00pm- 1:50pm (ZP 1240)		STAFF
	W.....4:00pm- 4:50pm (ZP 1124)	DIS	
0113	MW.....1:00pm- 1:50pm (ZP 1240)		STAFF
	Th.....12:00pm-12:50pm (ZP 1234)	DIS	
0114	MW.....1:00pm- 1:50pm (ZP 1240)		STAFF
	Th.....1:00pm- 1:50pm (ZP 2109)	DIS	

PSYC301 Biological Basis of Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: PSYC 100. — 3 credits

0101	TuTh. .....9:30am-10:45am (ZP 1243)		Gollub, L

PSYC309E Special Topics in Psychology: Child Psychopathology: Diagnosis and Prevention; Grade Method: REG/P-F/AUD; This course may not be counted in any area of the psychology requirements. Prerequisite: PSYC 100. — 3 credits

0101	MWF.....11:00am-11:50am (ZP 1236)		Allen, L

PSYC309F Special Topics in Psychology: Psychological Issues in the Age of Computers; Grade Method: REG/P-F/AUD; This course may not be counted in any area of the psychology requirements. Prerequisite: PSYC 100. — 3 credits

0101	MWF.....4:00pm- 4:50pm (ZP 1236)		Norman, K

PSYC310 Perception; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisite: PSYC 100. — 3 credits

0101	MWF.....3:00pm- 3:50pm (ZP 1243)		Larkin, W

PSYC331 Introduction to Abnormal Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Students who have earned credit for PSYC 431 cannot also earn credit for PSYC 331. Prerequisite: PSYC 100. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (ZP 1240)		Steele, R

PSYC332 Psychology of Human Sexuality; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (ZP 1250)		Brown, R

PSYC335 Personality and Adjustment; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Students who have earned credit for PSYC 435 cannot also earn credit for PSYC 335. Prerequisite: PSYC 100. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (ZP 1250)		Hill, C

PSYC337 Introduction to Community Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. — 3 credits

0101	TuTh.....11:00am-12:15pm (ZP 2283)		Steele, R

PSYC341 Introduction to Memory and Cognition; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. — 3 credits

0101	MWF.....2:00pm- 2:50pm (ZP 1243)		Horton, D

PSYC355 Child Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Students who have earned credit for PSYC 433 cannot also earn credit for PSYC 355. Prerequisite: PSYC 100. — 3 credits

0101	MWF.....9:00am- 9:50am (ZP 1250)		Plude, D
0201	TuTh.....9:30am-10:45am (ZP 1250)		Scholnick, E

PSYC356 Psychology of Adolescence; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100, 355 or permission of the instructor. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (ZP 1243)		Hall, W

PSYC357 Psychology of Adulthood and Aging; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. — 3 credits

0101	MWF.....11:00am-11:50am (ZP 1243)		Plude, D

PSYC361 Survey of Industrial and Organizational Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. — 3 credits

0101	MWF.....1:00pm- 1:50pm (ZP 1250)		Kluge, N
0201	TuTh.....11:00am-12:15pm (ZP 1250)		Klein, K

PSYC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Information about the psychology field work program may be obtained in ZP 1141. — 1-3 credits

0101	Time and room to be arranged		Coursey, R

PSYC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Information about the psychology field work program may be obtained in ZP 1141. — 1 credit

0101	Time and room to be arranged		Coursey, R

PSYC400 (PermReq) Experimental Psychology: Learning and Motivation; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100 and 200. Permission may be obtained in ZP 1141. — 4 credits

0101	MF.....10:00am-10:50am (ZP 1243)		McIntire, R
	MTuThF....11:00am-11:50am (ZP 4102)	LAB	
0102	MF.....10:00am-10:50am (ZP 1243)		McIntire, R
	MTuThF....12:00pm-12:50pm (ZP 4102)	LAB	
0103	MF.....10:00am-10:50am (ZP 1243)		McIntire, R
	MTuThF.....1:00pm- 1:50pm (ZP 4102)	LAB	
0104	MF.....10:00am-10:50am (ZP 1243)		McIntire, R
	MTuThF.....2:00pm- 2:50pm (ZP 4102)	LAB	
0105	MF.....10:00am-10:50am (ZP 1243)		McIntire, R
	MTuThF.....3:00pm- 3:50pm (ZP 4102)	LAB	
0106	MF.....10:00am-10:50am (ZP 1243)		McIntire, R
	MTuThF.....9:00am- 9:50am (ZP 4102)	LAB	

PSYC402 Physiological Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 206 and 301. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (ZP 1236)		Brauth, S

PSYC403 Animal Behavior; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 206 or 301. — 3 credits

0101	TuTh.....11:00am-12:15pm (ZP 1238)		Hodos, W

PSYC410 (PermReq) Experimental Psychology: Sensory Processes I; Grade Method: REG/P-F/AUD; Prerequisite: MATH 140 or 111 and 220. A student who has completed PSYC 310 must have permission of the instructor to register for PSYC 410. All others must obtain permission in ZP 1141. — 4 credits

0101	TuTh.....9:30am-10:45am (ZP 2283)		Sternheim, C
	Th.....1:00pm- 3:00pm (ZP 0124)	LAB	
0102	TuTh.....9:30am-10:45am (ZP 2283)		Sternheim, C
	F.....10:00am-12:00pm (ZP 0124)	LAB	

PSYC420 (PermReq) Experimental Psychology: Social Processes I; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200 and 221. Permission may be obtained in ZP 1141. — 4 credits

0101	MW.....11:00am-11:50am (ZP 0147)		Mills Jr, J
	MW.....12:00pm- 2:00pm (ZP 0147)	LAB	
0102	MW.....11:00am-11:50am (ZP 0147)		Mills Jr, J
	MW.....2:00pm- 4:00pm (ZP 0147)	LAB	
0103	MW.....11:00am-11:50am (ZP 0147)		Mills Jr, J
	TuTh.....9:00am-11:00am (ZP 0147)	LAB	
0201	TuTh.....12:00pm-12:50pm (ZP 0147)		Mills Jr, J
	TuTh.....1:00pm- 3:00pm (ZP 0147)	LAB	
0202	TuTh.....12:00pm-12:50pm (ZP 0147)		Mills Jr, J
	TuTh.....3:00pm- 5:00pm (ZP 0147)	LAB	
0203	TuTh.....12:00pm-12:50pm (ZP 0147)		Mills Jr, J
	WF.....9:00am-11:00am (ZP 0147)	LAB	

PSYC440 (PermReq) Experimental Psychology: Cognitive Processes; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200. Permission may be obtained in ZP 1141. — 4 credits

0101	MW.....9:00am- 9:50am (ZP 1238)		Anderson, N
	M.....1:00pm- 5:00pm (ZP 0124)	LAB	
0102	MW.....9:00am- 9:50am (ZP 1238)		Anderson, N
	Tu.....1:00pm- 5:00pm (ZP 0124)	LAB	

PSYC451 Principles of Psychological Testing; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200. — 4 credits

0110	TuTh.....2:00pm- 3:15pm (ZP 2283)		Helms, J
	M.....1:00pm- 3:00pm (ZP 2109)	LAB	
0111	TuTh.....2:00pm- 3:15pm (ZP 2283)		Helms, J
	M.....3:00pm- 5:00pm (ZP 2109)	LAB	
0112	TuTh.....2:00pm- 3:15pm (ZP 2283)		Helms, J
	W.....12:00pm- 2:00pm (ZP 2109)	LAB	
0113	TuTh.....2:00pm- 3:15pm (ZP 2283)		Helms, J
	W.....2:00pm- 4:00pm (ZP 2109)	LAB	

PSYC457 Cultural Context of Psychological Development; Grade Method: REG/P-F/AUD; Prerequisites: PSYC 100 and either 355, 356, 357. — 3 credits
0101 MWF.....10:00am-10:50am (ZP 1236) Johnson, J

PSYC463 Psychology of Motivation and Attitudes in Organizational Settings; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 361. — 3 credits
0101 TuTh.....11:00am-12:15pm (ZP 1236) Hall, R

PSYC466 Environmental and Ecological Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZP 1238) Trickett, E

PSYC468H (PermReq) Field Experience and Special Assignments in Honors; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZP 1141. — 1-3 credits

PSYC469H (PermReq) Honors Thesis Proposal Preparation; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZP 1141. — 1-3 credits

PSYC478 (PermReq) Independent Study in Psychology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Information about independent study may be obtained in ZP 1141. — 1-3 credits

PSYC479 (PermReq) Special Research Problems in Psychology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Information about research credit may be obtained in ZP 1141. — 1-3 credits

PSYC488H (PermReq) Advanced Psychology I (Honors); Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200 and consent of the honors committee. Please go to ZP 1141 to request permission. — 3 credits
0101 TuTh.....9:30am-10:45am (ZP 1124) Dooling, R

PSYC499H (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Permission of the thesis advisor. Permission may be obtained in ZP 1141. — 3 credits

Note: For all non-psychology graduate students, written permission of the instructor is required for all 600 courses and above.

PSYC601 Quantitative Methods; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and dept. is required. — 3 credits
0101 TuTh.....10:00am-12:00pm (ZP 1232) Ogrady, K

PSYC611 Advanced Developmental Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 Tu.....12:30pm- 3:00pm (ZP 1105) Scholnick, E

PSYC612 Theories of Personality; Grade Method: REG/AUD; — 3 credits
0101 F.....1:00pm- 4:00pm (ZP 1105) Smith, B

PSYC640 Fundamentals of Social Psychology; Grade Method: REG/AUD; PSYC majors only — 3 credits
0101 Tu.....3:00pm- 5:00pm (ZP 3132) Sigall, H
Time and room to be arranged LAB

PSYC661 Experimental Analysis of Behavior; Grade Method: REG/AUD; PSYC majors only — 3 credits
0101 Th.....12:30pm- 3:00pm (ZP 1112) Gollub, L
Time and room to be arranged LAB

PSYC705 (PermReq) Mathematical Models of Learning and Memory; Grade Method: REG/AUD; For all non-PSYC graduate students — 3 credits
0101 M.....3:00pm- 6:00pm (ZP 1112) Anderson, N

PSYC708 (PermReq) Seminar in Psychometric Theory; Grade Method: REG/AUD; For all non-PSYC graduate students — 3 credits
0101 Th.....3:00pm- 5:30pm (ZP 1105) Ogrady, K

PSYC711 Introduction to Counseling Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor is required. — 3 credits
0101 MW.....10:00am-12:00pm (ZP 1112) Hill, C

PSYC713 (PermReq) Fundamentals of Clinical Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 W.....2:00pm- 5:00pm (ZP 1112) Tyler, F

PSYC719 Seminar in Clinical, Counseling, and Community Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 Tu.....12:00pm- 2:00pm (ZP 1112) Helms, J
Time and room to be arranged
0201 W.....2:00pm- 5:00pm (ZP 3141) Dies, R
0301 W.....10:00am-12:00pm (ZP 1124) Gelso, C
Time and room to be arranged LAB

PSYC721 Seminar and Laboratory in Behavioral Assessment I; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 2 credits
0101 M.....9:00am- 1:00pm (ZP 1228) Coursey, R
0201 Time and room to be arranged Johnson, J

PSYC722 Seminar and Laboratory in Behavioral Assessment I; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 2 credits
0101 W.....9:00am-11:00am (ZP 1105) Dies, R
0201 Time and room to be arranged Johnson, J

PSYC728 Introductory Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 Th.....9:00am-12:00pm (ZP 2109) Brown, R
W.....9:00am-11:00am (Arranged) LAB
0201 Tu.....9:00am-12:00pm (ZP 1105) Trickett, E
0301 Th.....3:00pm- 9:00pm (ZP 3132) Tyler, F

PSYC729 Advanced Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 W.....2:00pm- 5:00pm (ZP 1128) Allen, L

PSYC730 Introduction to Industrial and Organizational Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 Th.....3:00pm- 5:30pm (ZP 2109) Klein, K

PSYC732 (PermReq) Selection and Classification Issues in Organizations; Grade Method: REG/AUD; For all non-PSYC graduate students. — 3 credits
0101 Th.....3:00pm- 5:30pm (Arranged) STAFF

PSYC738 Seminar in Industrial Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 M.....2:00pm- 5:00pm (ZP 1232) Schneider, B

PSYC742 (PermReq) Group Behavior; Grade Method: REG/AUD; For all non-PSYC graduate students. — 3 credits
0101 W.....2:00pm- 4:30pm (ZP 3132) STAFF

PSYC749 Current Research in Social Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 1-3 credits
0101 M.....4:00pm- 6:30pm (ZP 3132) Sigall, H

PSYC781 (PermReq) Advanced Laboratory Techniques; Grade Method: REG/AUD; For all non-PSYC graduate students. — 1-3 credits
0101 W.....2:00pm- 4:30pm (ZP 4102) McIntire, R

PSYC789 Special Research Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

PSYC798 Graduate Seminar; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 2 credits
0101 W.....9:00am-12:00pm (ZP 1228) Brauth, S

PSYC799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. For all non-PSYC graduate students, permission of instructor and department is required. — 1-6 credits

PSYC818 Research Issues in Personality Or Development: Socialization of Intelligence; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 Tu.....3:00pm- 5:30pm (ZP 1124) Hall, W

PSYC888 Research Methods in Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 1-3 credits
0101 Tu.....3:00pm- 5:00pm (ZP 1232) Schneider, B
0301 W.....3:00pm- 5:00pm (ZP 1105) Anderson, N
0401 Time and room to be arranged Scholnick, E

PSYC899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

PUAF Public Affairs (Public Affairs)

PUAF610 Quantitative Methods in Policy Analysis; Grade Method: REG/AUD; For majors only. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (SSB 1220) Young, H
M.....6:45pm- 7:30pm (SSB 1108) DIS
0201 MTh.....5:30pm- 6:45pm (SSB 1201) Young, H
M.....6:45pm- 7:30pm (SSB 1208) DIS

PUAF620 Political Analysis; Grade Method: REG/AUD; For majors only. — 3 credits
0101 TuTh.....11:00am-12:15pm (SSB 1222) Schick, A

PUAF630 Government Intervention in the Private Sector; Grade Method: REG/AUD; For majors only or departmental permission. — 3 credits
0101 TuTh.....9:30am-10:45am (SSB 1208) Harbour, F

PUAF640 Microeconomic Theory and Policy Analysis; Grade Method: REG/AUD; For majors only. — 3 credits
0101 MW.....9:30am-10:45am (SSB 1208) Levy, F
Th.....4:00pm- 4:50pm (SSB 1221) DIS

PUAF641 Macroeconomic Theory and Policy Analysis; Grade Method: REG/AUD; For majors only or departmental permission. — 3 credits
0101 Tu.....7:00pm- 9:30pm (SSB 1222) Marquez, J

PUAF650 Normative Analysis; Grade Method: REG/AUD; For majors only. — 3 credits
0201 MTh.....4:00pm- 5:15pm (SSB 1201) Brown, P

PUAF698A Selected Topics in Public Affairs: Introduction to the Policy Process; Grade Method: REG/AUD; For majors only. — 1 credit
0101 W.....11:00am- 1:30pm (ZP 1232) Kelleher, C

PUAF698B (PermReq) Selected Topics in Public Affairs: Seminar in Regulatory Analysis; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:30pm (SSB 1220) Hopkins, T

PUAF698C Selected Topics in Public Affairs: Regional Security: Managing Alliance Relations; Grade Method: REG/AUD; For majors only. — 3 credits
0101 M.....4:00pm- 6:30pm (A 1102) Kelleher, C

PUAF698E Selected Topics in Public Affairs: Regional Security: Middle East; Grade Method: REG/AUD; — 1-3 credits
0101 Th.....12:30pm- 3:00pm (SSB 2176) Weinberg, Y

PUAF700 Public Policies Toward Business: Instruments; Grade Method: REG/AUD; For majors only. — 3 credits
0101 M.....4:00pm- 6:30pm (A 0103) Houseman, S

PUAF701 Public Policies Toward Business: Legal Institutions; Grade Method: REG/AUD; For majors only or permission of instructor. — 3 credits
0101 Tu.....4:00pm- 6:30pm (SSB 1201) Harter, P

PUAF710 Public Sector Program Operations; Grade Method: REG/AUD; For majors only. — 3 credits
0101 W.....4:00pm- 6:30pm (SSB 1208) Levy, F

PUAF711 Management Strategies in Public Organizations; Grade Method: REG/AUD; For majors only. — 3 credits
0101 M.....1:30pm- 3:45pm (AA 1122) Brown, P

PUAF712 Advanced Financial Management; Grade Method: REG/AUD; For majors only. — 3 credits
0101 M.....4:00pm- 6:30pm (SSB 1208) Slater, S

PUAF720 The Security Policy Agenda I; Grade Method: REG/AUD; For majors only. — 3 credits
0101 Tu.....4:00pm- 6:30pm (SSB 1208) Nacht, M

PUAF723 Ethics and National Security Policy; Grade Method: REG/AUD; For majors only or departmental permission. — 3 credits
0101 W.....4:00pm- 6:30pm (A 0110) Fullinwider, R

PUAF757 The Politics of Budgeting; Grade Method: REG/AUD; For majors only. — 3 credits
0101 Th.....4:00pm- 6:30pm (SSB 1208) Schick, A

PUAF790 Project Course; Grade Method: REG/AUD; For majors only. — 3 credits
0101 Time and room to be arranged Slater, S

PUAF798B Readings in Public Policy; Grade Method: REG; Majors only. — 1-3 credits
0101 Time and room to be arranged Nacht, M

PUAF798F Readings in Public Policy: Special Topics in Public Affairs; Government and Non Profit Accounting; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:40pm (Q 1108) Wardlow, P

RECR Recreation (Phys Ed, Recr, & Health)

RECR130 Recreation and Leisure; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; All recreation majors enrolled in RECR 130 must enroll for RECR 489R at the same time. — 3 credits
0101 MWF.....10:00am-10:50am (PRH 1302) Churchill, J

RECR220 Methods and Materials in Recreation; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....10:00am-10:50am (PRH 0303) Strobell, A
F.....10:00am-12:00pm (PRH 0102) LAB

RECR270 Leisure Services and Special Populations; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (PRH 0307) STAFF

RECR300 Senior Seminar; Grade Method: REG; Limited to recreation majors only. — 1 credit
0101 Th.....4:15pm- 5:30pm (PRH 1304) Smith, R

RECR325 General Fundamentals of Recreation; Grade Method: REG/P-F/AUD; Non-majors only. Recreation majors not eligible for enrollment. — 3 credits
0101 MWF.....1:00pm- 1:50pm (PRH 1312) Leedy, C

RECR341 Field Work II; Grade Method: REG; Limited to Recreation majors only. Prerequisite: RECR 300. — 8 credits
0101 Th.....4:15pm- 5:30pm (PRH 0303) LAB Smith, R
Time and room to be arranged LAB

RECR350 Recreational Use of Natural Areas; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....3:00pm- 3:50pm (PRH 1302) Kuss, F

RECR375 Principles of Therapeutic Recreation; Grade Method: REG; Prerequisite: RECR 270. — 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 0305) Annand, V

RECR386 (PermReq) Field Work; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. — 1-3 credits

RECR387 (PermReq) Field Work Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. — 1-3 credits

RECR410 Measurement and Evaluation in Recreation; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (PRH 0305) Riddick, C

RECR415 Quantitative Methods; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (PRH 1301) Iso-Ahola, S

RECR420 Program Planning and Analysis; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (PRH 1301) Strobell, A

RECR432 Philosophy of Recreation; Grade Method: REG/P-F/AUD; Limited to recreation majors only. At least 56 credits earned. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (PRH 0307) Searle, M

RECR440 Leisure Services for the Aging; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (PRH 0305) Riddick, C

RECR460 Leadership Techniques and Practices; Grade Method: REG/P-F/AUD; At least 56 credits earned — 3 credits
0101 MWF.....10:00am-10:50am (PRH 0307) Ward, V

RECR475 Problems in Therapeutic Recreation; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (PRH 0307) Annand, V

RECR489 (PermReq) Field Laboratory Projects and Workshop; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. — 1-6 credits

RECR489R Field Laboratory Projects and Workshop: Orientation to Leisure Service; Grade Method: REG; For recreation majors. — 1 credit
0101 Meets 10/17/86 - 12/15/86 Smith, R
F.....11:00am- 1:00pm (PRH 0301) LAB

RECR490 Organization and Administration of Recreation; Grade Method: REG/P-F/AUD; At least 56 credits earned — 3 credits
0101 MWF.....11:00am-11:50am (PRH 1301) Churchill, J

RECR493 Tourism and Commercial Leisure Services; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 0307) Verhoven Jr., P

RECR495 Recreation Resource and Facility Planning I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (PRH 0305) Kuss, F
Th.....2:00pm- 4:00pm (PRH 1304) LAB

RECR498C Special Topics in Recreation: Sign Language and Recreation for the Deaf; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (PRH 1302) Shelar, V

RECR498P Special Topics in Recreation: Foundations of the Leisure Profession; Grade Method: REG/P-F/AUD; Not offered for graduate credit. — 3 credits
0101 W.....4:15pm- 7:00pm (PRH 0301) Strobell, A

RECR498T Special Topics in Recreation: Park and Forest Recreation Resource Management; Grade Method: REG/P-F/AUD; Field trips arranged. — 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 1302) Fedler, A

RECR498X Special Topics in Recreation: Legal Liability in Leisure Services; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....7:00pm-10:00pm (PRH 1302) Kozlowski, J

RECR498Y Special Topics in Recreation: Computer Applications in Leisure Services; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....7:00pm-10:00pm (PRH 0303) Fedler, A

RECR610 Methods and Techniques of Research; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm-10:00pm (PRH 0305) Iso-Ahola, S

RECR633 Foundations of Recreation; Grade Method: REG/AUD; Required for all entering graduate students. — 3 credits
0101 W.....4:15pm- 7:00pm (PRH 0303) Leedy, C

RECR634 Modern Trends in Recreation; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (PRH 0305) Humphrey, F

RECR660 Group Processes; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm-10:00pm (PRH 0307) Ward, V

RECR688 (PermReq) Special Problems in Recreation; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Graduate students only — 1-6 credits

RECR688A Special Problems in Recreation: Conceptual Issues in Therapeutic Recreation; Grade Method: REG; — 3 credits
0101 Tu.....4:15pm- 7:00pm (PRH 0303) Smith, R

RECR688G Special Problems in Recreation: Grantsmanship and Funding Approaches; Grade Method: REG; — 3 credits
0101 Th.....7:00pm-10:00pm (PRH 0303) Verhoven Jr., P

RECR799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

RECR899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

RTVF Radio Television and Film (Arts and Humanities)

RTVF124 Mass Communication in 20Th Century Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Credits earned do not count toward a major in RTVF. — 3 credits
0101 MWF.....9:00am- 9:50am (NN 2154) Parks, S

RTVF 222 and 223 (grades of 'C' or better) are prerequisites for majors prior to enrollment in upper level broadcasting courses. RTVF 222 and 314 (grades of 'C' or better) are prerequisites prior to enrollment in all additional upper level film courses. Non-majors are required to obtain instructor's consent for all upper level RTVF courses. All students are limited to one production course per semester unless permission is obtained prior to registration.

RTVF222 Introduction to Radio, Television, and Film; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
M.....8:00am- 9:50am (NN 0135) LAB
0102 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
W.....8:00am- 9:50am (NN 0135) LAB
0103 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
F.....8:00am- 9:50am (NN 0135) LAB
0104 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
M.....10:00am-11:50am (NN 0135) LAB
0105 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
W.....10:00am-11:50am (NN 0135) LAB

0106 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
F.....10:00am-11:50am (NN 0135) LAB
0107 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
W.....2:00pm- 3:50pm (NN 0135) LAB
0108 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
F.....2:00pm- 3:50pm (NN 0135) LAB
0109 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
Tu.....9:00am-10:50am (NN 0135) LAB
0110 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
Th.....9:00am-10:50am (NN 0135) LAB
0111 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
Tu.....11:00am-12:50pm (NN 0135) LAB
0112 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
Th.....11:00am-12:50pm (NN 0135) LAB

RTVF223 The Television Program: Planning and Management; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 222. Majors only. 3 credits
0101 TuTh.....9:30am-10:45am (NN 2154) Lancaster, D
Tu.....11:00am-12:15pm (NN 0131) LAB
0102 TuTh.....9:30am-10:45am (NN 2154) Lancaster, D
Th.....11:00am-12:15pm (NN 0131) LAB
0103 TuTh.....9:30am-10:45am (NN 2154) Lancaster, D
Tu.....12:30pm- 1:45pm (NN 0131) LAB
0104 TuTh.....9:30am-10:45am (NN 2154) Lancaster, D
Th.....12:30pm- 1:45pm (NN 0131) LAB
0105 TuTh.....9:30am-10:45am (NN 2154) Lancaster, D
Tu.....2:00pm- 3:15pm (NN 0131) LAB
0106 TuTh.....9:30am-10:45am (NN 2154) Lancaster, D
Th.....2:00pm- 3:15pm (NN 0131) LAB

RTVF302 (PermReq) Beginning Sound Production; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 222,223 and consent of instructor. 3 credits
0101 M.....9:00am- 9:50am (NN 0147) Hamilton, C
MW.....11:00am-12:50pm (NN 0131) LAB
0102 M.....9:00am- 9:50am (NN 0147) Hamilton, C
MW.....2:00pm- 3:50pm (NN 0131) LAB

RTVF314 Introduction to the Film; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; This course does not count toward major requirements if used as U.S.P. RTVF314 is a prerequisite for all upper level film courses. 3 credits
0101 TuTh.....2:00pm- 4:45pm (NN 2154) Weiss, G
0201 W.....1:00pm- 4:00pm (NN 2154) Marchetti, G
F.....1:00pm- 3:00pm (NN 2154)

RTVF317 (PermReq) Radio and Television Continuity Writing; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 222, 223. Majors only. 3 credits
0101 MWF.....10:00am-10:50am (NN 0131) Blum, R
0201 MWF.....9:00am- 9:50am (NN 0138) Blum, R

RTVF340 (PermReq) Principles of Television Production Techniques; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 222 and 223 and consent of instructor. 3 credits
0101 M.....1:00pm- 1:50pm (NN 2154) Sincell, C
MW.....9:00am-10:50am (NN 0117) LAB
0102 M.....1:00pm- 1:50pm (NN 2154) Sincell, C
MW.....11:00am-12:50pm (NN 0117) LAB
0103 M.....1:00pm- 1:50pm (NN 2154) Sincell, C
MW.....2:00pm- 3:50pm (NN 0117) LAB
0104 M.....1:00pm- 1:50pm (NN 2154) Sincell, C
TuTh.....9:00am-10:50am (NN 0117) LAB
0105 M.....1:00pm- 1:50pm (NN 2154) Sincell, C
TuTh.....11:00am-12:50pm (NN 0117) LAB

RTVF346 (PermReq) Television News and Public Affairs; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 317. RTVF 222 and 223 are recommended. 3 credits
0101 TuTh.....2:00pm- 3:15pm (NN 0147) Lancaster, D

RTVF347 Broadcast Processes and Effects; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 222 and 223. 3 credits
0101 MWF.....10:00am-10:50am (NN 0147) Neuendorf, K

RTVF356 (PermReq) Film Production I, Introduction; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 222. RTVF 314 recommended. 3 credits
0101 TuTh.....9:30am-10:45am (NN 2218) Weiss, G

RTVF384 (PermReq) Field Work Experience; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Applications must be approved prior to registration. Grading satisfactory/fail only. Majors only. 1-3 credits

RTVF385 (PermReq) Field Work Analysis; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Applications must be approved prior to registration. Must be taken with RTVF 384. Majors only. 1-3 credits

RTVF402 (PermReq) Advanced Sound Production; Grade Method: REG; Prerequisite: RTVF 302. 3 credits
0101 Tu.....3:30pm- 6:30pm (NN 0131) Tavares, F

RTVF414 (PermReq) Contemporary American Cinema; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 222. RTVF 314 is recommended. 3 credits
0101 TuTh.....11:00am- 1:45pm (NN 2154) Robinson, E

RTVF417 (PermReq) Dramatic Writing For Broadcasting and Film; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 317. RTVF 222 and 223 are recommended. 3 credits
0101 MW.....1:00pm- 3:00pm (NN 2212) Blum, R

RTVF419W (PermReq) Film Genres: Women in Film; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:00am-10:45am (NN 0147) Marchetti, G

RTVF421 (PermReq) Film Criticism and Theory; Grade Method: REG/P-F/AUD; RTVF 314 is recommended. 3 credits
0101 Tu.....11:00am- 2:00pm (NN 0147) Kolker, R

RTVF425 Television and Politics; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....3:00pm- 5:40pm (NN 2154) Shyles, L

RTVF440 (PermReq) Television Direction; Grade Method: REG/P-F/AUD; Prerequisite: RTVF340 and consent of instructor. 3 credits
0101 TuTh.....2:00pm- 4:45pm (NN 0117) Shyles, L

RTVF447 (PermReq) Quantitative Methods of Broadcast Research; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 347. RTVF 222 and 223 are recommended. 3 credits
0101 MWF.....11:00am-11:50am (NN 0147) Neuendorf, K

RTVF449 (PermReq) Television Workshop; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Variable credit 1-3, repeatable to a maximum of 6 credits. Prerequisite: RTVF 340. 1-3 credits

RTVF449V (PermReq) Television Workshop: Electronic Field Production; Grade Method: REG/P-F/AUD; Prerequisite : RTVF340 3 credits
0101 TuTh.....1:00pm- 1:50pm (NN 0117) Sincell, C
Time and room to be arranged

RTVF450 (PermReq) Radio and Television Station Management; Grade Method: REG/P-F/AUD; RTVF 222 and 223 are recommended. 3 credits
0101 MWF.....11:00am-11:50am (NN 0138) Kirkley Jr, D

RTVF451 (PermReq) Broadcast Criticism; Grade Method: REG/P-F/AUD; RTVF 222 is recommended. 3 credits
0101 MWF.....10:00am-10:50am (NN 0138) Kirkley Jr, D

RTVF454 (PermReq) Cable Television; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 223. 3 credits
0101 W.....4:00pm- 6:50pm (NN 2154) Gomery, D

RTVF457 (PermReq) Media Economics; Grade Method: REG/P-F/AUD; RTVF 222 and 223 are recommended. 3 credits
0101 M.....3:00pm- 5:50pm (NN 0135) Gomery, D

RTVF498A (PermReq) Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Warrants must be approved prior to registration. Prerequisites: RTVF 222 and 223. 3 credits

RTVF498C (PermReq) Seminar: Radio Programming and Management; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 222 and 223. 3 credits
0101 M.....4:00pm- 6:40pm (NN 0147) Patrick, W

RTVF498J (PermReq) Seminar: Current Topics in Mass Communication; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am- 1:45pm (NN 0154) Boyd, D

RTVF498K (PermReq) Seminar: Alternative Traditions in Media; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 222 and 223. 3 credits
0101 MWF.....3:00pm- 3:50pm (NN 0147) Brown, D

RTVF498V (PermReq) Seminar: Introduction to Visual Communication; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 222 and 223. 3 credits
0101 TuTh.....2:00pm- 3:15pm (Arranged) Aylward, T

RTVF498Y (PermReq) Seminar: Cultural Archetypes and Media; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 222 and 223. 3 credits
0101 M. .....4:00pm- 6:50pm (NN 0131) Parks, S

RTVF600 Introduction to Graduate Study in Broadcasting; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:40pm (Arranged) Aylward, T

RTVF601 Visual Communication; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:40pm (Arranged) Aylward, T

RTVF629 (PermReq) Special Problems in Film: Realism and the Cinema; Grade Method: REG/AUD; 3 credits
0101 M.....2:00pm- 5:50pm (Arranged) Kolker, R

RTVF642 (PermReq) History of Broadcasting; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:45pm (NN 0138) Boyd, D

RTVF648A (PermReq) Seminar in Broadcasting: Current Topics in Mass Communication; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am- 1:45pm (NN 0154) Boyd, D

RTVF648F (PermReq) Seminar in Broadcasting: Theoretical Analysis of Television Advertising; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:50pm (NN 0135) Robinson, E

RTVF649L (PermReq) Special Problems in Broadcasting: Cultural Archetypes and Media; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:50pm (NN 0131) Parks, S

RTVF699 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Warrants must be approved prior to registration. 1-3 credits

RTVF799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

---

SLAV Slavic (Arts and Humanities)

SLAV101 Elementary Russian I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MW.....10:00am-10:50am (LL 2206) Merrill, P
TuTh.....8:00am- 8:50am (LL 1122) LAB
0102 MW.....10:00am-10:50am (LL 2206) Merrill, P
TuTh.....9:30am-10:20am (LL 1122) LAB
0103 MW.....10:00am-10:50am (LL 2206) Merrill, P
TuTh.....11:00am-11:50am (LL 1122) LAB
0104 MW.....10:00am-10:50am (LL 2206) Merrill, P
TuTh.....12:30pm- 1:20pm (LL 1104) LAB
0201 MW.....12:00pm-12:50pm (LL 0105) Merrill, P
TuTh.....8:00am- 8:50am (LL 1124) LAB
0202 MW.....12:00pm-12:50pm (LL 0105) Merrill, P
TuTh.....9:30am-10:20am (LL 1124) LAB
0203 MW.....12:00pm-12:50pm (LL 0105) Merrill, P
TuTh.....11:00am-11:50am (LL 1124) LAB
0204 MW.....12:00pm-12:50pm (LL 0105) Merrill, P
TuTh.....12:30pm- 1:20pm (LL 1109) LAB
0301 MW.....11:00am-11:50am (GG 3112) STAFF
TuTh.....8:00am- 8:50am (LL 3203) LAB
0302 MW.....11:00am-11:50am (GG 3112) STAFF
TuTh.....9:30am-10:20am (J 0102) LAB
0303 MW.....11:00am-11:50am (GG 3112) STAFF
TuTh.....11:00am-11:50am (Q 1138) LAB
0304 MW.....11:00am-11:50am (GG 3112) STAFF
TuTh.....12:30pm- 1:20pm (LL 1124) LAB
0401 MW.....1:00pm- 1:50pm (LL 2206) STAFF
TuTh.....8:00am- 8:50am (LL 2117) LAB
0402 MW.....1:00pm- 1:50pm (LL 2206) STAFF
TuTh.....9:30am-10:20am (LL 0202) LAB
0403 MW.....1:00pm- 1:50pm (LL 2206) STAFF
TuTh.....11:00am-11:50am (LL 3207) LAB
0404 MW.....1:00pm- 1:50pm (LL 2206) STAFF
TuTh.....12:30pm- 1:20pm (LL 1125) LAB

SLAV104 Intermediate Russian; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 TuTh.....9:30am-10:20am (LL 2206) Schallert, W
MW.....9:00am- 9:50am (LL 1124) LAB
0102 TuTh.....9:30am-10:20am (LL 2206) Schallert, W
MW.....11:00am-11:50am (F 1108) LAB
0103 TuTh.....9:30am-10:20am (LL 2206) Schallert, W
MW.....1:00pm- 1:50pm (LL 2122) LAB
0201 TuTh.....11:00am-11:50am (LL 2206) STAFF
MW.....9:00am- 9:50am (G 1104) LAB
0202 TuTh.....11:00am-11:50am (LL 2206) STAFF
MW.....11:00am-11:50am (LL 1109) LAB
0203 TuTh.....11:00am-11:50am (LL 2206) STAFF
MW.....1:00pm- 1:50pm (LL 1104) LAB

SLAV202 Russian Conversation and Composition II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....3:00pm- 3:50pm (LL 2125) STAFF

SLAV210 Applied Russian Phonetics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (LL 3203) Glad, J

SLAV281 Russian Culture; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (LL 2206) Berry, T

SLAV301 Advanced Russian Grammar and Composition I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (LL 2125) Hitchcock, D

SLAV321 Survey of Russian Literature I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (LL 3207) Berry, T

SLAV328 19th Century Russian Literature in Translation: From Dostoevsky to Chekhov; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement. 3 credits
0101 TuTh.....11:00am-12:15pm (LL 2125) Berry, T

SLAV401 Advanced Russian Conversation I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (LL 3207) Glad, J

SLAV403 Advanced Russian Composition I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (LL 2120) Hitchcock, D

SLAV419B Selected Topics in Russian Language Study: Practicum in Translation for International Diplomacy; Grade Method: REG/P-F/AUD; Students must attend an organizational meeting on 9/3/86 at 3:00 PM in LL 4120; after that date contact Dr. Pulgram at 454-4301 or 774-2666 for schedule information and assignment of computer instruction hours. 3 credits
0101 Time and room to be arranged Lekie, M

SLAV434 Soviet Russian Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (LL 3207) Glad, J

SLAV479A Selected Topics in Slavic Linguistics: Linguistics Analysis of Russian I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LL 3203) Schallert, W

SLAV479B Selected Topics in Slavic Linguistics: Recent History of the Russian Language; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (LL 1109) Schallert, W

SLAV489 Selected Topics in Slavic Area Studies: Medieval Russia; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (LL 3120) Hitchcock, D

SLAV499 Directed Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SLAV499C Directed Study: Using the Micro-Computer as a Translation Workstation; Grade Method: REG/AUD; For students who lack computer skills but want to take FOLA 418. Students must attend an organizational meeting on 9/3/86 at 3 PM in LL 4120; after that date contact Dr. Pulgram at 454-4301 or 774-2666 for schedule information and assignment of computer instruction hours. 1 credit
0101 Meets 09/02/86 - 09/30/86 Pulgram, E
TBA (LL 4120)

SOCY Sociology (Behavior + Social Sci)

SOCY100 Introduction to Sociology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; General Education Introductory course required for majors. Fulfills Area B GUR requirement. Prerequisite for other sociology courses. 3 credits
0101 MWF.....9:00am- 9:50am (AS 1213) Zablotsky, D
0201 MWF.....9:00am- 9:50am (ARC 1101) Queen, S
0301 MWF.....10:00am-10:50am (ARC 1103) Smith, H
0401 MWF.....10:00am-10:50am (ARC 1101) Baxter, S
0501 MWF.....11:00am-11:50am (GG 3109) Zablotsky, D
0601 MWF.....11:00am-11:50am (GG 3110) Adler, M
0701 MWF.....12:00pm-12:50pm (AS 3203) Pease, J
0801 MWF.....12:00pm-12:50pm (GG 3110) Smith, H
0901 MWF.....1:00pm- 1:50pm (G 1116) Baxter, S
1001 MWF.....1:00pm- 1:50pm (GG 3110) STAFF
1101 MWF.....2:00pm- 2:50pm (GG 3110) Adler, M
1201 TuTh.....11:00am-12:15pm (ARC 0204) Hirzel, R
1301 TuTh.....12:30pm- 1:45pm (AS 1213) Canjar, R
1401 TuTh.....2:00pm- 3:15pm (GG 3109) Hunt, L

SOCY105 Introduction to Contemporary Social Problems; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....10:00am-10:50am (ARC 1105) Meckel, G
0201 MWF.....11:00am-11:50am (R 1114) Scarville, J
0301 MWF.....12:00pm-12:50pm (ARC 1105) Meckel, G
0401 MWF.....1:00pm- 1:50pm (AR 0116) Brayfield, A
0501 MWF.....2:00pm- 2:50pm (AS 3207) Finsterbusch, K
0601 TuTh.....9:30am-10:45am (ARC 1101) STAFF
0701 TuTh.....11:00am-12:15pm (ARC 1103) Snipp, C
0801 TuTh.....12:30pm- 1:45pm (GG 3109) STAFF

SOCY201 Introductory Statistics For Sociology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Required for majors. Prerequisite: MATH 110 or equivalent. 4 credits
0101 MWF.....11:00am-11:50am (AS 1213) Segal, M
Tu.....8:00am-10:00am (AS 3217) LAB
0102 MWF.....11:00am-11:50am (AS 1213) Segal, M
Tu.....10:00am-12:00pm (AS 3217) LAB
0103 MWF.....11:00am-11:50am (AS 1213) Segal, M
Tu.....12:00pm- 2:00pm (AS 3217) LAB
0104 MWF.....11:00am-11:50am (AS 1213) Segal, M
Tu.....2:00pm- 4:00pm (AS 3217) LAB
0105 MWF.....11:00am-11:50am (AS 1213) Segal, M
Tu.....4:00pm- 6:00pm (AS 3217) LAB
0106 MWF.....11:00am-11:50am (AS 1213) Segal, M
Tu.....6:00pm- 8:00pm (AS 3217) LAB

SOCY202 Introduction to Research Methods in Sociology; Grade Method: REG/P-F/AUD; To be taken immediately after SOCY 201. Required for majors. 4 credits
0101 MWF.....9:00am- 9:50am (AS 3203) Harper, G
Th.....8:00am-10:00am (AS 3217) LAB
0102 MWF.....9:00am- 9:50am (AS 3203) Harper, G
Th.....10:00am-12:00pm (AS 3217) LAB
0103 MWF.....9:00am- 9:50am (AS 3203) Harper, G
Th.....1:00pm- 3:00pm (AS 3217) LAB

SOCY203 Sociological Theory; Grade Method: REG/P-F/AUD; Required for sociology majors. 3 credits
0101 TuTh.....11:00am-12:15pm (AS 3207) Ritzer, G

SOCY230 Sociological Social Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Relationship of groups to individual behavior; interpersonal processes. 3 credits
0101 MWF.....10:00am-10:50am (AS 3203) Meeker, B
0201 TuTh.....12:30pm- 1:45pm (AS 3207) Dager, E

SOCY300 American Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; General education course - non major elective. 3 credits
0101 TuTh.....9:30am-10:45am (AS 3203) Hunt, L
0201 TuTh.....12:30pm- 1:45pm (AS 3203) Vanneman, R

SOCY305 Scarcity and Modern Society; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....11:00am-11:50am (AS 3207) Finsterbusch, K

SOCY325 Sex Roles; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: SOCY 100 or SOCY 105. 3 credits
0101 MWF.....9:00am- 9:50am (AS 3207) Hunt, J
0201 MWF.....11:00am-11:50am (ARC 1101) Aytac, I
0301 MWF.....1:00pm- 1:50pm (GG 3109) Aytac, I
0401 TuTh.....9:30am-10:45am (AS 3207) Imamura, A
0501 TuTh.....2:00pm- 3:15pm (AS 1213) McIntyre, J

SOCY327 Introduction to the Study of Deviance; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; No credit for students who have completed SOCY 427. 3 credits
0101 MWF.....10:00am-10:50am (AS 1213) Altman, B
0201 MWF.....1:00pm- 1:50pm (ARC 1105) STAFF

SOCY330 Community Organization; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (AS 3219) Snipp, C

SOCY331 Work, Bureaucracy and Industry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....11:00am-11:50am (AS 3203) Lengermann, J

SOCY333 Technology and Society; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (AS 3203) Hage, J

SOCY341 Inequality in American Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....2:00pm- 2:50pm (GG 3111) Pease, J

SOCY343 Sociology of Marriage and Family; Grade Method: REG/P-F/AUD; No credit given if SOCY 498, Contemporary Marriage and Family, has been taken. 3 credits
0101 MWF.....10:00am-10:50am (AS 3207) Kammeyer, K
0201 TuTh.....9:30am-10:45am (GG 3110) Krauss, N
0301 TuTh.....12:30pm- 1:45pm (GG 3110) Krauss, N

SOCY386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. To register, students must have departmental permission form signed by instructor and by Coordinator of Sociology Undergrad Program. SOCY 386 and 387 must be taken together. 1-3 credits

SOCY387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. To register, student must have departmental permission form signed by instructor and by coordinator of Sociology Undergrad Program. Must be taken in conjunction with SOCY 386. 1-3 credits

SOCY398C Special Topics in Sociology: Introduction to Computer for Social Science Majors; Grade Method: REG/P-F/AUD; 1 credit

0101 W.....3:00pm- 4:30pm (AS 1116) Wagner, M

SOCY398J Special Topics in Sociology: Japanese Society; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (AS 3219) Imamura, A

SOCY398W (PermReq) Special Topics in Sociology: Work, Workers, Work Settings; Grade Method: REG/P-F/AUD; This course is a requirement in the LAB (Liberal Arts in Business) Program. Obtain permission from the Provost's office in the Division of Arts and Humanities. 3 credits
0101 TuTh.....12:30pm- 1:45pm (AS 3221) Ritzer, G

SOCY399 (PermReq) Independent Study in Sociology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite - 12 hours sociology including at least one of the following - SOCY 201, 202, or 203. No more than 6 hours of 399 is allowed for credit. 1-6 credits

SOCY401 Intermediate Statistics For Sociologists; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (AS 3221) Henkel, R

SOCY410 Population I; Grade Method: REG/P-F/AUD; (SOCY 100 is not a pre-requisite) 3 credits
0101 MWF.....12:00pm-12:50pm (AS 3221) Kammeyer, K

SOCY425 Sex Roles and Social Institutions; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (AS 3221) McIntyre, J

SOCY426 Sociology of Religion; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (AS 3217) Meeker, B

SOCY427 Deviant Behavior; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....3:00pm- 3:50pm (AS 3203) Brown, R

SOCY430 Sociology of Personality; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....3:00pm- 3:50pm (AS 3207) Fleishman, J

SOCY433 Social Control; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (AS 3203) STAFF

SOCY443 The Family and Society; Grade Method: REG/P-F/AUD; 3 credits
0201 MWF.....11:00am-11:50am (AS 3221) Harper, G

SOCY445 Sociology of the Arts; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (AS 3221) Clignet, R

SOCY457 Sociology of Law; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (AS 3221) Clignet, R

SOCY462 Industrial Sociology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (AS 3207) Lengermann, J

SOCY464 Military Sociology; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....2:00pm- 2:50pm (AS 3203) Segal, D

SOCY465 The Sociology of War; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (AS 3215) Canjar, R

SOCY466 Sociology of Politics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (AS 3203) STAFF

SOCY498B Selected Topics in Sociology: The Black Family; Grade Method: REG/P-F/AUD; Same course as Hospital Organization. 3 credits
0101 TuTh.....9:30am-10:45am (AS 3219) Billingsley, A

SOCY498C (PermReq) Selected Topics in Sociology: Laboratory for Stress and Coping; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Sa.....11:00am- 2:00pm (AS 1117) Silbergeld, S

SOCY498K Selected Topics in Sociology: The Sociology of Knowledge; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 1-3 credits
0101 MWF.....12:00pm-12:50pm (AS 3207) Brown, R

SOCY604 Survey Research Methods; Grade Method: REG/AUD; 3 credits
0101 M.....6:30pm- 9:00pm (AS 3221) Pecora, N

SOCY605 Methods of Program Evaluation; Grade Method: REG/AUD; 3 credits
0101 W.....6:30pm- 9:00pm (AS 3215) Fleishman, J

SOCY620 Development of European and American Sociological Theory; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:00pm (AS 1117) Ritzer, G

SOCY626 Human Ecology; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:00pm (AS 4111) Henkel, R

SOCY631 Comparative Sociology; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:00pm (AS 1117) Vanneman, R

SOCY641 Family Studies; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:00pm (AS 1117) Dager, E

SOCY661 Social Stratification; Grade Method: REG/AUD; 3 credits
0101 M.....3:30pm- 6:00pm (AS 4111) Landry, L

SOCY664 Armed Forces and Society; Grade Method: REG/AUD; 3 credits
0101 M.....6:30pm- 9:00pm (AS 1117) Segal, D

SOCY699 (PermReq) Special Social Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SOCY699B Special Social Problems: The Black Family; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (AS 3219) Billingsley, A

SOCY699C Special Social Problems: Introduction to Computer for Social Science Majors; Grade Method: REG/AUD; 1 credit
0101 W.....3:00pm- 4:30pm (AS 1116) Wagner, M

SOCY699T Special Social Problems: Workshop On Teaching Social Science; Grade Method: REG/AUD; 1 credit
0101 F.....1:00pm- 3:00pm (AS 1117) Segal, M

SOCY799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SOCY819 Research Seminar in Social Psychology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Rosenberg, M

SOCY829 Research Seminar in Sociological Theory; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Ritzer, G

SOCY839 Research Seminar in Organizations and Occupations; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Hage, J

SOCY849 Research Seminar in Demography; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Presser, H

SOCY858 Research Seminar in Sex Roles; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Hunt, J

SOCY859 Research Seminar in Sociology of the Family; Grade Method: REG/AUD; 1 credit
0201 Time and room to be arranged Kammeyer, K

SOCY869 Research Seminar in Military Sociology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Segal, D

SOCY889 Research Seminar in Social Stratification; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Landry, L

SOCY899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

SPAN Spanish (Arts and Humanities)

Electronic laboratory for SPAN 101, SPAN 102, SPAN 103, SPAN 203 will be scheduled after classes start.

SPAN101 Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair - Staff. If you had 3 years of high school Spanish, we recommend that you take SPAN 103. Electronic laboratory for SPAN101, 102, 102H, 103, 203, 203H will be scheduled after classes begin. 4 credits
0101 MTuWF.....8:00am- 8:50am (LL 2207) STAFF
0201 MTuWF.....8:00am- 8:50am (LL 1117) STAFF
0301 MTuWF.....9:00am- 9:50am (LL 2207) STAFF
0401 MTuWF.....9:00am- 9:50am (LL 1117) STAFF
0501 MWF.....9:00am- 9:50am (LL 1226) STAFF
Tu.....9:00am- 9:50am (LL 1224)
0601 MTuWF.....10:00am-10:50am (LL 2207) STAFF
0701 MTuWF.....10:00am-10:50am (LL 1117) STAFF
0801 MWF.....10:00am-10:50am (LL 1215) STAFF
Tu.....10:00am-10:50am (LL 1224)
0901 MTuWF.....11:00am-11:50am (LL 2207) STAFF
1001 MTuWF.....11:00am-11:50am (LL 1117) STAFF
1101 MWF.....11:00am-11:50am (O 1308) STAFF
Tu.....11:00am-11:50am (LL 1224)
1201 MTuWF.....12:00pm-12:50pm (LL 2207) STAFF
1301 MTuWF.....12:00pm-12:50pm (LL 1117) STAFF
1401 MWF.....12:00pm-12:50pm (LL 1215) STAFF
Tu.....12:00pm-12:50pm (LL 1122)
1501 MTuWF.....1:00pm- 1:50pm (LL 2207) STAFF
1601 MTuWF.....1:00pm- 1:50pm (LL 1117) STAFF
1701 MW.....4:00pm- 6:00pm (LL 2117) STAFF
1801 MTuWF.....2:00pm- 2:50pm (LL 2207) STAFF
1901 MTuWF.....2:00pm- 2:50pm (LL 1117) STAFF
2001 MTuWF.....3:00pm- 3:50pm (LL 2207) STAFF
2101 MW.....4:00pm- 6:00pm (LL 1117) STAFF
2201 MW.....7:00pm- 9:00pm (LL 1226) STAFF
2301 TuTh.....4:00pm- 6:00pm (LL 3120) STAFF
2401 TuTh.....7:00pm- 9:00pm (LL 1226) STAFF
2501 MW.....7:00pm- 9:00pm (LL 1120) STAFF
2601 MWF.....12:00pm-12:50pm (LL 2123) STAFF
Tu.....12:00pm-12:50pm (LL 2122)
2701 MWF.....2:00pm- 2:50pm (LL 1226) STAFF
Tu.....2:00pm- 2:50pm (LL 0208)
2801 MWF.....10:00am-10:50am (F 1108) STAFF
Tu.....10:00am-10:50am (LL 2122)
2901 TuTh.....4:00pm- 6:00pm (LL 1120) STAFF

SPAN102 Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair - staff. Leads to SPAN 203. 4 credits
0101 MWThF.....8:00am- 8:50am (LL 1224) STAFF
0201 MWThF.....9:00am- 9:50am (LL 1224) STAFF
0301 MWThF.....10:00am-10:50am (LL 1224) STAFF
0401 MWF.....10:00am-10:50am (LL 1103) STAFF
Th.....10:00am-10:50am (LL 0122)
0501 MWF.....11:00am-11:50am (LL 1104) STAFF
Th.....11:00am-11:50am (LL 0122)
0601 MWThF.....11:00am-11:50am (LL 1224) STAFF
0701 MWThF.....12:00pm-12:50pm (LL 1224) STAFF
0801 MWThF.....1:00pm- 1:50pm (LL 1224) STAFF
0901 MWF.....2:00pm- 2:50pm (LL 1224) STAFF
Th.....2:00pm- 2:50pm (LL 1117)
1001 TuTh.....4:00pm- 6:00pm (LL 1224) STAFF
1101 MW.....4:00pm- 6:00pm (LL 1224) STAFF
1201 MWF.....11:00am-11:50am (LL 2102) STAFF
Th.....11:00am-11:50am (LL 0118)
1301 MW.....7:00pm- 9:00pm (LL 1117) STAFF

SPAN102H Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair-staff. Leads to Spanish 203. 4 credits
0101 MWF.....10:00am-10:50am (O 1308) STAFF
Th.....10:00am-10:50am (LL 0118)

SPAN103 Review of Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair - staff. Leads to SPAN 203. Recommended for those with 3 years of high school Spanish. 4 credits
0101 MWF.....8:00am- 8:50am (LL 1226) STAFF
Tu.....8:00am- 8:50am (LL 1103)
0201 MWF.....9:00am- 9:50am (LL 1103) STAFF
Tu.....9:00am- 9:50am (LL 0208)
0301 MWF.....11:00am-11:50am (LL 1103) STAFF
Tu.....11:00am-11:50am (LL 0208)
0401 MWF.....12:00pm-12:50pm (LL 1103) STAFF
Tu.....12:00pm-12:50pm (LL 0208)
0501 MWF.....1:00pm- 1:50pm (LL 1103) STAFF
Tu.....1:00pm- 1:50pm (LL 0208)
0601 MW.....4:00pm- 6:00pm (LL 1215) STAFF
0701 MWF.....10:00am-10:50am (ULB 0117) STAFF
Tu.....10:00am-10:50am (LL 1109)

SPAN203 Intermediate Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair - staff. 4 credits
0101 MWThF.....8:00am- 8:50am (LL 0208) STAFF
0201 MWThF.....9:00am- 9:50am (LL 0208) STAFF
0301 MWThF.....10:00am-10:50am (LL 0208) STAFF
0401 MWF.....10:00am-10:50am (LL 1226) STAFF
Th.....10:00am-10:50am (LL 2207)
0501 MWThF.....11:00am-11:50am (LL 0208) Garcia, C
0601 MWF.....11:00am-11:50am (LL 2123) STAFF
Th.....11:00am-11:50am (LL 1117)
0701 MWThF.....12:00pm-12:50pm (LL 0208) STAFF
0801 MWThF.....1:00pm- 1:50pm (LL 0208) STAFF
0901 MWThF.....2:00pm- 2:50pm (LL 0208) STAFF
1001 MW.....4:00pm- 6:00pm (LL 0208) STAFF
1101 TuTh.....4:00pm- 6:00pm (LL 2122) STAFF

SPAN203H Intermediate Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWF.....10:00am-10:50am (Q 1136) STAFF
Th.....10:00am-10:50am (LL 1117)

SPAN204 Review of Oral and Written Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Formerly 201; follows 203. May be taken with 205 and/or 221. 3 credits
0101 TuTh.....8:00am- 9:15am (LL 1226) STAFF
0201 TuTh.....9:30am-10:45am (LL 1226) STAFF
0301 TuTh.....11:00am-12:15pm (LL 1103) STAFF
0401 TuTh.....11:00am-12:15pm (LL 1211) STAFF

SPAN205 Intermediate Conversation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; May be taken concurrently with SPAN 204 and 221. 3 credits
0101 MWF.....9:00am- 9:50am (LL 1215) STAFF
0201 MWF.....10:00am-10:50am (LL 1211) STAFF
0301 MWF.....11:00am-11:50am (LL 1215) STAFF
0401 MWF.....10:00am-10:50am (LL 0202) STAFF

SPAN221 Readings in Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; May be taken with SPAN 204 and/or 205. 3 credits
0101 TuTh.....11:00am-12:15pm (LL 1226) STAFF
0201 TuTh.....12:30pm- 1:45pm (LL 1226) STAFF
0301 TuTh.....9:30am-10:45am (LL 1215) Kristal, E

SPAN301 Review Grammar and Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (LL 1103) STAFF
0201 TuTh.....11:00am-12:15pm (LL 1104) STAFF
0301 TuTh.....12:30pm- 1:45pm (LL 1215) STAFF

SPAN302 Review Grammar and Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (LL 1211) STAFF

SPAN311 Advanced Conversation I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair-Staff. Not open to native speakers. 3 credits
0101 MWF.....10:00am-10:50am (LL 1120) STAFF
0201 MWF.....12:00pm-12:50pm (LL 1120) STAFF
0301 MWF.....11:00am-11:50am (LL 2122) STAFF

SPAN312 Advanced Conversation II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Not open to native speakers. 3 credits
0101 TuTh.....12:30pm- 1:45pm (LL 1103) STAFF

SPAN315 Commercial Spanish; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (LL 1120) STAFF

SPAN316 Practicum in Translation I; Grade Method: REG/P-F/AUD; Prerequisite: SPAN 302. 3 credits
0101 MWF.....9:00am- 9:50am (LL 1120) STAFF

SPAN318 Translation of Technical Texts; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (LL 1215) STAFF

SPAN321 Survey of Spanish Literature: 12th-17th Century; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....9:30am-10:45am (LL 2215F) Gramberg, E

SPAN322 Survey of Spanish Literature: 18th-20th Century; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (LL 1215) Gramberg, E

SPAN323 Survey of Spanish-American Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (LL 2122) Nemes, G

SPAN356 Practicum in Translation III; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (LL 1211) STAFF

SPAN386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPAN387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPAN399 (PermReq) Independent Study in Spanish; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Previous permission by the instructor is required for enrollment in this course. 1-3 credits

SPAN401 Advanced Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (LL 1124) STAFF

SPAN408 Great Themes of the Hispanic Literatures Prose Workshop; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....1:00pm- 3:30pm (LL 3120) Pacheco, J

SPAN409 Great Themes of the Hispanic Literatures: Tecnicas Novelisticas del XIX y XX; Grade Method: REG/P-F/AUD; Theme will be announced on update sheets. 3 credits
0101 TuTh.....2:00pm- 3:15pm (LL 1120) Gramberg, E

SPAN409B Great Themes of the Hispanic Literatures: Critica Literaria; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....2:00pm- 4:30pm (LL 1122) Kristal, E

SPAN425 Spanish Civilization; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (LL 1120) STAFF

SPAN446 Latin American Civilization I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (LL 0125) Aguilar-Mora, J

SPAN468 Modernism and Post-Modernism in Spain and Spanish-America: Modernism and Post-Modernism; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (LL 1226) Nemes, G

SPAN492H Honors Reading Course: Novel; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....2:00pm- 4:30pm (ULB 0123) Kristal, E

SPAN628 Seminar: the Golden Age in Spanish Literature; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:30pm- 7:00pm (LL 2207) Zappala, M

SPAN699 (PermReq) Independent Study in Spanish; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPAN728 The Twentieth Century: Unamuno y Valle-Inclan; Grade Method: REG/AUD; 3 credits
0101 W.....4:30pm- 7:00pm (LL 2207) STAFF

SPAN729 The Twentieth Century: Obras Maestras del Cuento; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:00pm (LL 1215) Pacheco, J

SPAN798 Open Seminar: Romanticismo: Eclecticismo y Positivismo; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:30pm- 7:00pm (LL 1211) Aguilar-Mora, J

SPAN798B Open Seminar: The Postwar Scene in Europe; Grade Method: REG/AUD; 3 credits
0101 Meets 10/07/86 - 11/11/86 STAFF
Tu.....1:30pm- 6:00pm (LL 1123)
Time and room to be arranged LAB

SPAN799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SPAN898 Open Seminar; Grade Method: REG/AUD; 3 credits
0101 M.....4:30pm- 7:00pm (LL 2207) Sosnowski, S

SPAN899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

SPCH Speech (Arts and Humanities)

SPCH100 Basic Principles of Speech Communication; Grade Method: REG/P-F/AUD; Course director - Carlson. 3 credits
0101 MW.....12:00pm-12:50pm (ZP 1240) STAFF
F.....12:00pm-12:50pm (GG 3114) DIS
0102 MW.....12:00pm-12:50pm (ZP 1240) STAFF
Tu.....8:00am- 8:50am (GG 0100) DIS
0103 MW.....12:00pm-12:50pm (ZP 1240) STAFF
Tu.....1:00pm- 1:50pm (NN 0135) DIS
0104 MW.....12:00pm-12:50pm (ZP 1240) STAFF
Th.....3:00pm- 3:50pm (LL 1117) DIS
0105 MW.....12:00pm-12:50pm (ZP 1240) STAFF
F.....11:00am-11:50am (NN 0131) DIS
0106 MW.....12:00pm-12:50pm (ZP 1240) STAFF
M.....2:00pm- 2:50pm (NN 0135) DIS
0107 MW.....12:00pm-12:50pm (ZP 1240) STAFF
F.....1:00pm- 1:50pm (GG 3114) DIS
0108 MW.....12:00pm-12:50pm (ZP 1240) STAFF
F.....12:00pm-12:50pm (NN 0131) DIS
0109 MW.....12:00pm-12:50pm (ZP 1240) STAFF
W.....1:00pm- 1:50pm (ZP 1234) DIS
0110 MW.....12:00pm-12:50pm (ZP 1240) STAFF
W.....9:00am- 9:50am (GG 0102) DIS
0112 MW.....12:00pm-12:50pm (ZP 1240) STAFF
Th.....2:00pm- 2:50pm (LL 1103) DIS
0113 MW.....12:00pm-12:50pm (ZP 1240) STAFF
Tu.....2:00pm- 2:50pm (GG 0102) DIS
0114 MW.....12:00pm-12:50pm (ZP 1240) STAFF
Tu.....12:00pm-12:50pm (ZP 1124) DIS
0115 MW.....12:00pm-12:50pm (ZP 1240) STAFF
Th.....1:00pm- 1:50pm (LL 0122) DIS
0116 MW.....12:00pm-12:50pm (ZP 1240) STAFF
M.....1:00pm- 1:50pm (NN 1204) DIS
0117 MW.....12:00pm-12:50pm (ZP 1240) STAFF
Tu.....9:00am- 9:50am (GG 0100) DIS
0201 MW.....1:00pm- 1:50pm (T 0200) STAFF
F.....12:00pm-12:50pm (GG 0102) DIS
0202 MW.....1:00pm- 1:50pm (T 0200) STAFF
M.....8:00am- 8:50am (GG 3114) DIS
0203 MW.....1:00pm- 1:50pm (T 0200) STAFF
M.....9:00am- 9:50am (GG 0102) DIS
0204 MW.....1:00pm- 1:50pm (T 0200) STAFF
F.....12:00pm-12:50pm (NN 0135) DIS
0205 MW.....1:00pm- 1:50pm (T 0200) STAFF
Th.....9:00am- 9:50am (GG 3112) DIS

0206 MW.....1:00pm- 1:50pm (T 0200) STAFF
Th.....12:00pm-12:50pm (NN 0147) DIS
0207 MW.....1:00pm- 1:50pm (T 0200) STAFF
F.....1:00pm- 1:50pm (NN 0135) DIS
0208 MW.....1:00pm- 1:50pm (T 0200) STAFF
M.....2:00pm- 2:50pm (NN 2230) DIS
0209 MW.....1:00pm- 1:50pm (T 0200) STAFF
Tu.....1:00pm- 1:50pm (LL 1122) DIS
0210 MW.....1:00pm- 1:50pm (T 0200) STAFF
Tu.....2:00pm- 2:50pm (LL 1103) DIS
0211 MW.....1:00pm- 1:50pm (T 0200) STAFF
W.....8:00am- 8:50am (GG 3114) DIS
0212 MW.....1:00pm- 1:50pm (T 0200) STAFF
W.....12:00pm-12:50pm (ZP 1228) DIS
0213 MW.....1:00pm- 1:50pm (T 0200) STAFF
Th.....11:00am-11:50am (NN 0147) DIS
0214 MW.....1:00pm- 1:50pm (T 0200) STAFF
F.....3:00pm- 3:50pm (NN 2230) DIS

SPCH107 Technical Speech Communication; Grade Method: REG/P-F/AUD; Course chairperson - Wolvin. 3 credits
0101 MWF.....8:00am- 8:50am (NN 1202) STAFF
0201 MWF.....8:00am- 8:50am (NN 2212) STAFF
0301 MWF.....9:00am- 9:50am (NN 1202) STAFF
0401 MWF.....9:00am- 9:50am (NN 2228) STAFF
0501 MWF.....10:00am-10:50am (NN 1204) STAFF
0601 MWF.....10:00am-10:50am (NN 1202) STAFF
0701 MWF.....11:00am-11:50am (NN 1204) STAFF
0801 MWF.....11:00am-11:50am (NN 1202) STAFF
0901 MWF.....12:00pm-12:50pm (NN 1204) STAFF
1001 MWF.....12:00pm-12:50pm (NN 1202) STAFF
1101 MWF.....1:00pm- 1:50pm (NN 0131) STAFF
1201 MWF.....1:00pm- 1:50pm (NN 1202) STAFF
1301 TuTh.....8:00am- 9:15am (NN 1204) STAFF
1401 TuTh.....9:30am-10:45am (NN 0138) STAFF
1501 TuTh.....9:30am-10:45am (NN 2230) STAFF
1601 TuTh.....11:00am-12:15pm (NN 2230) STAFF
1701 TuTh.....11:00am-12:15pm (NN 1202) STAFF
1801 TuTh.....12:30pm- 1:45pm (NN 1202) STAFF
1901 TuTh.....12:30pm- 1:45pm (NN 2228) STAFF
2001 TuTh.....2:00pm- 3:15pm (NN 2228) STAFF
2101 TuTh.....8:00am- 9:15am (NN 1202) STAFF
2201 TuTh.....2:00pm- 3:15pm (NN 1204) STAFF

SPCH107A (PermReq) Technical Speech Communication; Grade Method: REG/P-F/AUD; Enrollment by permission of Provost, Arts and Humanities only. 3 credits
0101 TuTh.....2:00pm- 3:15pm (NN 1202) STAFF
0201 TuTh.....12:30pm- 1:45pm (NN 1204) STAFF

SPCH110 Voice and Diction; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (NN 2212) STAFF

SPCH125 Introduction to Interpersonal Communication; Grade Method: REG/P-F/AUD; Course chairperson - Cline. 3 credits
0101 MWF.....9:00am- 9:50am (NN 2230) STAFF
0201 MWF.....10:00am-10:50am (NN 2230) STAFF
0301 MWF.....11:00am-11:50am (NN 2230) STAFF
0401 MWF.....12:00pm-12:50pm (NN 2230) STAFF
0501 MWF.....1:00pm- 1:50pm (NN 2230) STAFF
0601 MWF.....2:00pm- 2:50pm (NN 1204) STAFF
0701 TuTh.....9:30am-10:45am (NN 1204) STAFF
0801 TuTh.....11:00am-12:15pm (LL 2120) STAFF
0901 TuTh.....12:30pm- 1:45pm (ARC 1125) STAFF
1001 TuTh.....2:00pm- 3:15pm (NN 0135) STAFF

SPCH200 Public Communication; Grade Method: REG/P-F/AUD; Open to speech majors only. 3 credits
0101 TuTh.....12:30pm- 1:45pm (NN 2212) STAFF
0201 TuTh.....2:00pm- 3:15pm (NN 2212) STAFF

SPCH220 Group Discussion; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am- 8:50am (NN 2228) STAFF
0201 MWF.....10:00am-10:50am (NN 2228) STAFF

SPCH230 Argumentation and Debate; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (NN 2212) STAFF
0201 MWF.....11:00am-11:50am (NN 2212) STAFF
0301 TuTh.....9:30am-10:45am (NN 2228) STAFF
0401 TuTh.....11:00am-12:15pm (NN 2228) STAFF

SPCH350 Foundations of Communication Theory; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (NN 2230) Freimuth, V

SPCH356 Rhetoric and Society; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (NN 1204) STAFF
0201 MWF.....10:00am-10:50am (NN 0154) Doyle, T

SPCH360 The Rhetoric of Black America; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (NN 2228) Niles, L

SPCH400 Introduction to Research Methodologies in Speech Communication; Grade Method: REG/P-F/AUD; This course will not be offered in the Spring of 1987. 3 credits
0101 TuTh.....11:00am-12:15pm (NN 2212) Fink, E

SPCH422 (PermReq) Interviewing; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (NN 1202) STAFF

SPCH424 Business, Industrial and Government Communication; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (NN 0138) Wilson, C

SPCH435 Development of Interpersonal Communication Competencies; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (NN 2230) STAFF

SPCH450 Classical and Medieval Rhetorical Theory; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (NN 2212) STAFF

SPCH470 Listening; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (NN 0138) Wolvin, A

SPCH474 Communication Theory and Process; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (NN 0147) STAFF

SPCH482 Intercultural Communication; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....4:00pm- 6:45pm (NN 0147) Wolvin, A

SPCH488 (PermReq) Speech Communication Internship; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SPCH489 (PermReq) Speech Communication Workshop; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SPCH498 (PermReq) Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

SPCH4980 Seminar: Organizational Communication; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:00pm- 6:45pm (NN 0135) Falcione, R

SPCH498R (PermReq) Seminar: Health Communication and Mass Media; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (NN 1204) STAFF

SPCH600 Empirical Research in Speech Communication; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:45pm (NN 2212) Freimuth, V

SPCH628 Organization Communication: Research and Intervention: Research and Intervention Procedures in Organizational Communication; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (NN 2212) Falcione, R

SPCH670 Seminar in Listening Behavior; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (NN 0138) Wolvin, A

SPCH688 (PermReq) Speech Communication Field Experience; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SPCH698 (PermReq) Special Problems in Speech Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

SPCH698I Special Problems in Speech Communication: Interpersonal Competence; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (NN 2230) STAFF

SPCH6980 Special Problems in Speech Communication: Communication and Organizational Socialization; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:45pm (NN 2212) Wilson, C

SPCH762 Seminar in Public Address; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (NN 2212) STAFF

SPCH798 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPCH798J (PermReq) Independent Study: Teaching Communication; Grade Method: REG/AUD; 1 credit
0101 F.....2:00pm- 4:00pm (NN 0131) McCaleb, J

SPCH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

---

STAT Statistics and Probability (Comp, Math, & Phys Sci)

STAT100 Elementary Statistics and Probability; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses STAT 100 and MATH 111. Students who have completed MATH 111 or any MATH or STAT course with a prerequisite of MATH 141 may not obtain credit for STAT 100. 3 credits
0101 MWF.....11:00am-11:50am (Y B0425) STAFF
0201 MWF.....12:00pm-12:50pm (Y B0425) STAFF
0301 MWF.....2:00pm- 2:50pm (Y B0425) STAFF
0401 MWF.....3:00pm- 3:50pm (Y B0425) STAFF
0501 TuTh.....11:00am-12:15pm (Y 0104) STAFF
0601 TuTh.....12:30pm- 1:45pm (Y 0104) STAFF

STAT386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

STAT387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

STAT400 Applied Probability and Statistics I; Grade Method: REG/P-F/AUD; Not open to mathematics graduate students. 3 credits
0101 MWF.....2:00pm- 2:50pm (Y 0407) Syski, R
0201 TuTh.....11:00am-12:15pm (Y 1308) Yang, G
0301 MWF.....11:00am-11:50am (Y 1308) Pearl, M
0401 MWF.....1:00pm- 1:50pm (Y 0407) STAFF
0501 MWF.....10:00am-10:50am (Y 0403) Gray, A
0701 TuTh.....3:30pm- 4:45pm (Y 0302) Fey, J
0801 MWF.....2:00pm- 2:50pm (Y 0405) Lipsman, R
1201 MWF.....9:00am- 9:50am (Y B0421) Wolfe, P
1301 TuTh.....9:30am-10:45am (Y 0104) Auslander, J

STAT400E Applied Probability and Statistics I; Grade Method: REG/P-F/AUD; Intended for engineering majors. Not open to MATH grad students. 3 credits
1001 MWF.....10:00am-10:50am (Y 0103) Slud, E

STAT401 Applied Probability and Statistics II; Grade Method: REG/P-F/AUD; Not open to mathematics graduate students. 3 credits
0101 TuTh.....11:00am-12:15pm (Y 1311) Mikulski, P

STAT410 Introduction to Probability Theory; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (Y 0101) Mikulski, P

STAT411 Introduction to Stochastic Processes; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (Y 0401) Janssen, I

STAT440 Sampling Theory; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (Y 0407) STAFF

STAT450 Regression and Variance Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (Y 0301) STAFF

STAT498A Selected Topics in Statistics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

STAT600 Probability Theory I; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (Y B0423) Syski, R

STAT698A Selected Topics in Probability; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

STAT698B Selected Topics in Probability; Grade Method: REG/AUD; 3 credits
0201 TuTh.....2:00pm- 3:15pm (Y B0427) Yang, G

STAT698C Selected Topics in Probability: Stochastic Processes; Grade Method: REG/AUD; 3 credits
0301 MWF.....9:00am- 9:50am (Y B0431) Syski, R

STAT700 Mathematical Statistics I; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (Y 0101) Kedem, B

STAT710 Advanced Statistics I; Grade Method: REG/AUD; 3 credits
0101 MWF.....11:00am-11:50am (Y 0107) Smith, P

STAT740 Analysis of Variance; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (Y 0405) Janssen, I

STAT798A Selected Topics in Statistics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

STAT799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

STAT899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

TEXT Textiles (Human Ecology)

TEXT105 Textiles in Contemporary Living; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (H 1400) Pourdeyhimi, B

TEXT150 Introduction to Textile Materials; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (H 1400) Block, I
M.....8:00am-10:00am (H 2401) LAB
0102 TuTh.....11:00am-12:15pm (H 1400) Block, I
M.....10:00am-12:00pm (H 2401) LAB
0103 TuTh.....11:00am-12:15pm (H 1400) Block, I
Tu.....1:00pm- 3:00pm (H 2401) LAB
0104 TuTh.....11:00am-12:15pm (H 1400) Block, I
W.....8:00am-10:00am (H 2401) LAB
0105 TuTh.....11:00am-12:15pm (H 1400) Block, I
W.....10:00am-12:00pm (H 2401) LAB
0106 TuTh.....11:00am-12:15pm (H 1400) Block, I
Th.....1:00pm- 3:00pm (H 2401) LAB
0107 TuTh.....11:00am-12:15pm (H 1400) Block, I
F.....10:00am-12:00pm (H 2401) LAB

TEXT221 Apparel I; Grade Method: REG/P-F/AUD; Attendance in laboratory is required. Limited to majors. 3 credits
0101 MW.....10:00am-10:50am (H 0108) STAFF
W.....11:00am- 2:00pm (H 2208) LAB
0102 MW.....10:00am-10:50am (H 0108) STAFF
Tu.....11:00am- 2:00pm (H 2208) LAB
0103 MW.....10:00am-10:50am (H 0108) STAFF
Th.....2:00pm- 5:00pm (H 2208) LAB

TEXT222 Apparel II; Grade Method: REG/P-F/AUD; Attendance in laboratory is required. Prerequisite: TEXT 221. 3 credits
0101 MW.....2:00pm- 5:00pm (H 2208) LAB Anderson, C

TEXT250 Textile Materials: Evaluation and Characterization; Grade Method: REG/P-F/AUD; Prerequisite: TEXT 150. 3 credits
0101 MW.....1:00pm- 1:50pm (H 0108) Yeh, K
M.....2:00pm- 4:30pm (H 2201) LAB
0102 MW.....1:00pm- 1:50pm (H 0108) Yeh, K
W.....2:00pm- 4:30pm (H 2201) LAB
0103 MW.....1:00pm- 1:50pm (H 0108) Yeh, K
F.....1:00pm- 3:30pm (H 2201) LAB
0104 MW.....1:00pm- 1:50pm (H 0108) Yeh, K
Tu.....2:00pm- 4:30pm (H 2201) LAB

TEXT355 Textile Furnishings; Grade Method: REG/P-F/AUD; Prerequisite: TEXT 150. 3 credits
0101 MWF.....10:00am-10:50am (H 1400) Spivak, S

TEXT363 History of Textiles; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (H 1304) Paoletti, J

TEXT365 (PermReq) Fashion Merchandising; Grade Method: REG/P-F/AUD; Limited to juniors and seniors. 3 credits
0101 TuTh.....9:30am-10:45am (H 1304) Wagner, J

TEXT375 Economics of the Textile and Apparel Industry; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and 203. 3 credits
0101 TuTh.....2:00pm- 3:15pm (AR 0116) Dardis, R

TEXT388 Field Work and Analysis in Textiles; Grade Method: S-F; Limited to majors in textiles and consumer economics. 3-12 credits
0101 Time and room to be arranged Mihelcic, R

TEXT400 Research Methods; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (H 1304) Chern, W

TEXT420 Apparel Design: Draping; Grade Method: REG/P-F/AUD; Course will not be offered in spring term. Laboratory attendance is required. 3 credits
0101 MW.....8:00am-11:00am (H 2208) LAB Anderson, C

TEXT441 Clothing and Human Behavior; Grade Method: REG/P-F/AUD; Prerequisites: PSYC 100 and SOCY 100. 3 credits
0101 MWF.....8:00am- 8:50am (H 0108) Hacklander, E

TEXT452 Textile Science: Chemical Structures and Properties of Fibers; Grade Method: REG/P-F/AUD; Course will be offered in fall only in 1984-85. Prerequisites: CHEM 103 and 104. 3 credits
0101 TuTh.....9:30am-10:30am (H 2401) Smith, B
TuTh.....10:30am-12:30pm (H 2401) LAB
0102 TuTh.....9:30am-10:30am (H 2401) Smith, B
TuTh.....3:30pm- 5:30pm (H 2401) LAB

TEXT488 (PermReq) Senior Honors Thesis; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Limited to students in the departmental honors program. 1-4 credits

TEXT498 (PermReq) Special Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-4 credits

---

THET Theatre (Arts and Humanities)

See also RTVF and SPCH.

THET110 Introduction to the Theatre; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (N 2101) STAFF
0201 MWF.....1:00pm- 1:50pm (N 2101) STAFF
0301 MWF.....2:00pm- 2:50pm (N 2101) STAFF
0401 TuTh.....9:30am-10:45am (N 2101) Elam Jr., H
0601 MWF.....10:00am-10:50am (NN 2154) MacArthur, C

THET120 (PermReq) Acting Fundamentals; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....12:00pm-12:50pm (NN 1228) Elam Jr., H
TuTh.....12:20pm- 1:50pm (NN 1228) LAB
0102 W.....12:00pm-12:50pm (NN 1228) Elam Jr., H
TuTh.....2:00pm- 3:30pm (NN 1228) LAB
0103 W.....12:00pm-12:50pm (NN 1228) Elam Jr., H
TuTh.....3:30pm- 5:00pm (NN 1228) LAB

THET170 Stagecraft; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....10:00am-10:50am (NN 0241) Kriebs, D
M.....1:00pm- 4:00pm (NN 0231) LAB
0102 TuTh.....10:00am-10:50am (NN 0241) Kriebs, D
Tu.....1:00pm- 4:00pm (NN 0231) LAB
0103 TuTh.....10:00am-10:50am (NN 0241) Kriebs, D
W.....1:00pm- 4:00pm (NN 0231) LAB
0104 TuTh.....10:00am-10:50am (NN 0241) Kriebs, D
Th.....1:00pm- 4:00pm (NN 0231) LAB

THET185 (PermReq) Makeup; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....10:00am-11:50am (NN B0230D) Milton, A

THET221 (PermReq) Speech For the Stage; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....1:00pm- 2:50pm (NN 1228) Macarthur, C

THET273 Scenographic Techniques; Grade Method: REG/P-F/AUD; Prerequisite: THET 170. 3 credits
0101 MW.....2:00pm- 3:50pm (NN 1218) Stowe, L

THET310 The American Theatre; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....11:00am-11:50am (N 2101) Oleary, R

THET311 Play Production; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (NN 1204) Coleman, D

THET320 (PermReq) Intermediate Acting; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....9:00am-10:50am (NN 1228) Patrick, M

THET330 (PermReq) Play Directing; Grade Method: REG/P-F/AUD; Prerequisites: THET 120,170. 3 credits
0101 TuTh.....2:00pm- 3:50pm (NN 0241) MacArthur, C

THET386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET420 (PermReq) Styles and Theories of Acting; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:00am-10:50am (NN 1228) Patrick, M

THET429 (PermReq) Actor's Studio; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET451 Musical Comedy Workshop; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:50pm (NN 0241) Oleary, R

THET460 Theatre Management I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (NN 0131) Patterson, W

THET471 (PermReq) Advanced Scenic Design; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....10:00am-11:50am (NN 1218) Stowe, L

THET474 Stage Management and Technical Direction; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (NN 1218) Kriebs, D

THET476 (PermReq) Principles and Theories of Stage Lighting; Grade Method: REG/P-F/AUD; 3 credits
0101 WF.....12:00pm- 1:50pm (NN 0241) Coleman, D

THET479 Theater Workshop; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD;
0101 Time and room to be arranged Kriebs, D
0201 Time and room to be arranged Brownlee, D
0301 Time and room to be arranged Stowe, L
0401 Time and room to be arranged Coleman, D

THET480 Stage Costume History and Design I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:00am-10:50am (NN 1218) Milton, A

THET486 Stage Costume Construction I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:50pm (NN B0230D) Brownlee, D

THET490 History of the Theatre I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (NN 0241) Milhous, J

THET499 Independent Study; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

THET499T Independent Study: Black Drama Workshop; 3 credits
(PermReq) Grade Method: REG/P-F/AUD;
0101 W.....4:00pm- 6:30pm (HDH 3123) Elam Jr., H

THET600 Introduction to Graduate Study in Theatre; 3 credits
Grade Method: REG/AUD;
0101 Tu.....4:00pm- 6:30pm (NN 0241) Gillespie, P

THET669 Independent Study; Grade Method: REG/AUD; 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

THET688 Special Problems in Drama: Major Comic Writers--Moliere, Shakespeare, Kleist, and Others; Grade Method: REG/AUD; 3 credits
0101 Meets 09/02/86 - 10/17/86 Bentley, E
W.....2:00pm- 6:00pm (LL 4225)
Time and room to be arranged DIS

THET694 Historical Studies in Modern Theatre; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:40pm (NN 0138) Milhous, J

THET698 Seminar: Studies in Theatre: Literature and Film; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:00pm (LL 4223) Lifton, M
Time and room to be arranged DIS

THET788 Master's Tutorial; Grade Method: REG/AUD; 3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

THET789 Master's Practicum; Grade Method: REG/AUD; 3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

THET799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

TXCE Textiles and Consumer Economics (Human Ecology)

TXCE608 Special Problems; Grade Method: REG/AUD; 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

TXCE608A Special Problems: Computer Data Analysis; 1 credit
Grade Method: REG/AUD;
0101 Time and room to be arranged Soberon-Ferrer,

TXCE610 Economics of Consumption; Grade Method: 3 credits
REG/AUD;
0101 Tu.....5:00pm- 7:30pm (H 2210) Chern, W

TXCE612 Economics of the Household; Grade Method: 3 credits
REG/AUD; Prerequisite: ECON 403.
0101 TBA (H 2208) Dardis, R

TXCE620 Consumer Behavior; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 7:30pm (H 2208) Ettenson, R

TXCE640 Historiography of Costume and Textiles; 3 credits
Grade Method: REG/AUD;
0101 TBA (H 2210) Paoletti, J

TXCE645 Fabric Structures; Grade Method: REG/AUD; 3 credits
Prerequisite: consent of instructor.
0101 TBA (H 2212) Pourdeyhimi, B

TXCE648 Seminar in Historic Textiles; Grade Method: REG/AUD; 1-3 credits
0101 Time and room to be arranged Block, I
0701 Time and room to be arranged Spivak, S
1301 Time and room to be arranged Paoletti, J

TXCE649 Seminar in Clothing and Human Behavior; 3 credits
Grade Method: REG/AUD;
0101 Time and room to be arranged Hacklander, E

TXCE652 Textile Marketing; Grade Method: REG/AUD; 3 credits
Prerequisite: TEXT 470 or consent of instructor.
0101 TBA (H 2212) Wagner, J

TXCE660 Fiber Structure and Properties; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 7:30pm (H 2201) Yeh, K

TXCE670 Appearance and Sensory Properties; Grade Method: REG/AUD; 3 credits
0101 TBA (H 2201) Block, I

TXCE699 Research Seminar; Grade Method: S-F; 1 credit
0101 M.....4:00pm- 4:50pm (H 1304) Smith, B

TXCE760 Physics and Chemistry of Fibers; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Hollies, N

TXCE770 Textile Microscopy; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 5:00pm (H 3418) Spivak, S
W.....5:00pm- 8:30pm (H 2201) LAB

TXCE799 Master's Thesis Research: Non-Thesis 1-3 credits
(PermReq) Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

TXCE899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

UMEI Maryland English Institute (Arts and Humanities)

UMEI001 English as a Foreign Language: Beginning; No credit
(PermReq) Grade Method: S-F; See Director, UMEI, 1104 Preinkert.
0101 Time and room to be arranged STAFF

UMEI002 English as a Foreign Language: No credit
(PermReq) Intermediate I; Grade Method: S-F; See Director, UMEI, 1104 Preinkert.
0101 Time and room to be arranged STAFF

UMEI003 English as a Foreign Language: No credit
(PermReq) Intermediate II; Grade Method: S-F; See Director, UMEI, 1104 Preinkert.
0101 Time and room to be arranged STAFF

UMEI004 English as a Foreign Language: No credit
(PermReq) Intermediate III; Grade Method: S-F; See Director, UMEI, 1104 Preinkert.
0101 Time and room to be arranged STAFF

UMEI005 Advanced English as a Foreign Language; No credit
(PermReq) Grade Method: S-F; See Director, UMEI, 1104 Preinkert.
0101 MTuWThF....3:00pm- 5:00pm (LL 1103) STAFF
0201 MWF.....10:00am-12:00pm (AS 3217) STAFF
TuTh.....10:00am-12:00pm (ARC 1127)
0301 MTuWThF...10:00am-12:00pm (G 1103) STAFF
0401 MWF.....1:00pm- 3:00pm (AS 3217) STAFF
Tu.....1:00pm- 3:00pm (GG 0104)
Th.....1:00pm- 3:00pm (LL 0118)
0501 MTuWThF....8:00am-10:00am (ARC 1127) STAFF
0601 MTuWThF....9:00am-11:00am (ARC 1121) STAFF

UMEI005A Advanced English as a Foreign Language; No credit
(PermReq) Grade Method: S-F; For foreign graduate teaching assistants.
0101 Time and room to be arranged STAFF

UMEI006 English Pronunciation; Grade Method: S-F; No credit
0101 W.....4:00pm- 6:00pm (LL 0205) STAFF

URBS Institute for Urban Studies (Behavior + Social Sci)

URBS100 Introduction to Interdisciplinary Urban Studies; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (AA 1122) Levin, M

URBS220 Environmental and Technological Dimensions of the Urban Community; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....9:30am-10:45am (SSB 1221) Christian, C
0201 Th.....4:00pm- 6:45pm (SSB 2166) Baum, H

URBS350 Introduction to Urban Field Study; Grade Method: REG/P-F/AUD; Prerequisite: permission of instructor or one URBS course. 3 credits
0101 MWF.....10:00am-10:50am (AA 1130) Brodsky, H
0201 MWF.....2:00pm- 2:50pm (AA 1130) Brodsky, H

URBS386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number. Learning contract must be obtained in 0119 Hornbake. Must be taken concurrently with URBS 387. Contact instructor for group seminar dates.

URBS387 Field Work Analysis; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Learning contract must be obtained from 0119 Hornbake. Must be taken with URBS 386. Contact instructor for group seminar dates.

URBS397H Honors Independent Reading; Grade Method: 3 credits
(PermReq) REG; Admission to honors program in URBS. Must have faculty permission.
0101 Time and room to be arranged Marando, V

URBS399A Independent Study in Urban Topics; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Independent study related to internship experience. Concurrent registration with URBS 438 is possible.
0101 Time and room to be arranged Williams, B

URBS399I Independent Study in Urban Topics; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

URBS399R Independent Study in Urban Topics: 3 credits
(PermReq) Independent Readings; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

URBS438 Urban Internship; Grade Method: 1-6 credits
(PermReq) REG/P-F/AUD; Concurrent enrollment in URBS 399A possible. See instructor for group seminar dates.
0101 Time and room to be arranged Williams, B

URBS488C Selected Topics in Urban Studies: Computer 3 credits
Applications; Grade Method: REG/P-F/AUD;
0101 W.....7:00pm- 9:30pm (SSB 1222) Chang, W

URBS488M Selected Topics in Urban Studies: 3 credits
(PermReq) Management and Administration of Metro Areas; Grade Method: REG/P-F/AUD;
0101 TuTh.....11:00am-12:15pm (SSB 1220) Marando, V

URBS488S Selected Topics in Urban Studies: Social Geography of Metropolitan Areas; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (AA 1122) Christian, C

URBS499H Honors Thesis; Grade Method: REG/P-F/AUD; 3-6 credits
(PermReq) Admission to honors program in URBS.
0101 Time and room to be arranged Marando, V

URBS602 Advanced Research Methods; Grade Method: REG/AUD; Prerequisites are undergrad statistics course, GEOG 483, and URBS 601 or equivalent. 3 credits
0101 W.....7:00pm- 9:30pm (SSB 1179) Thompson, D

URBS630 Urban Economics and Policy Analysis; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:30pm (SSB 1220) Howland, M

URBS640 Ecology and Demography of Urban Studies; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:30pm (SSB 1201) Christian, C

URBS670 Urban Public Policy Analysis; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:30pm (SSB 1179) Marando, V

URBS680 Environmental and Land Use Planning; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:30pm (SSB 1222) Levin, M

URBS683 Social Planning and Community Development; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:30pm (SSB 1179) Baum, H

URBS688B Recent Developments in Urban Studies: Economic and Political Rationality; Grade Method: REG/AUD; 3 credits
0101 W.....6:30pm- 9:15pm (SSB 2123) Elkin, S

URBS688E Recent Developments in Urban Studies: 3 credits
Policy Evaluation; Grade Method: REG/AUD;
0101 Tu.....3:30pm- 6:15pm (SSB 2123) Bobrow, D

URBS688P Recent Developments in Urban Studies: The Planning Process; Grade Method: REG/AUD; 3 credits
0101 M.....6:00pm- 8:45pm (NN 1202) Schneider, L

URBS689 Internship Seminar; Grade Method: REG/AUD; 3-6 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number. See instructor for group seminar dates. Concurrent registration with URBS 698A possible.

URBS698A Independent Study in Urban Topics; Grade 3 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Concurrent registration with URBS 689 is possible. See instructor for group seminar dates.

URBS698I Independent Study in Urban Topics; Grade 3 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

URBS698R Independent Study in Urban Topics: 3 credits
(PermReq) Independent Readings; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

URBS799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

WMST Women's Studies (Arts and Humanities)

Many other WMST studies courses are offered through various departments. See, for example, AASP 428W, ECON 374, ENGL 250, ENGL 348A, ENGL 379, GVPT 471, HIST 210, HIST 408, HLTH 471, PHED 451, SOCY 324, SOCY 325, and SOCY 343.

WMST200 Introduction to Women's Studies; Grade 3 credits
Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Students are encouraged to take this course before registering for other courses on women.
0101 MWF.....11:00am-11:50am (ULB 0117) Moses, C
Time and room to be arranged DIS
0201 W.....7:00pm- 9:00pm (LL 0105) Zeiger, R
Time and room to be arranged DIS
0301 W.....7:00pm-10:00pm (ULB 1112) Heidelbach, R

WMST250 Women, Art and Culture; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement;
0101 TuTh.....10:00am-10:50am (ULB 0117) King, K
Time and room to be arranged DIS
0201 TuTh.....11:00am-11:50am (GG 3110) King, K
Time and room to be arranged DIS

WMST350 Feminist Education Practicum; Grade 1-3 credits
(PermReq) Method: REG/P-F/AUD; Co-requisite: WMST 351.
0101 Time and room to be arranged Zeiger, R
0201 Time and room to be arranged Moses, C
0301 Time and room to be arranged King, K
0401 Time and room to be arranged Heidelbach, R
0501 Time and room to be arranged Strasburg, G

WMST351 Feminist Education Analysis; Grade Method: 1-3 credits
(PermReq) REG; Co-requisite: WMST 350.
0101 Time and room to be arranged Zeiger, R
0201 Time and room to be arranged Moses, C
0301 Time and room to be arranged King, K
0401 Time and room to be arranged Heidelbach, R
0501 Time and room to be arranged Strasburg, G

WMST386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
(PermReq) Co-requisite: must be taken with WMST 387.
0101 Time and room to be arranged Strasburg, G
0201 Time and room to be arranged Zeiger, R

WMST387 Field Work Analysis; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD; Co-requisite: WMST 386.
0101 Time and room to be arranged Strasburg, G
0201 Time and room to be arranged Zeiger, R

WMST400 Theories of Feminism; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: WMST 200 or WMST 250 only.
0101 TuTh.....2:00pm- 3:15pm (ULB 0125) King, K
0201 M.....2:00pm- 5:00pm (ULB 1116) Moses, C
0301 TuTh.....11:00am-12:15pm (C 0119) Strasburg, G

WMST490 Feminist Reconceptualizations Across the 3 credits
Disciplines; Grade Method: REG/P-F/AUD; Prerequisite: WMST 200 or 250 and 400. Senior standing required. Priority will be given to WMST certificate students.
0101 W.....7:00pm- 9:30pm (Arranged) Beck, E

WMST499 Independent Study; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: 3 hours of WMST, upper-division standing, and consent of instructor.

ZOOL Zoology (Life Sciences)

ZOOL101 General Zoology; Grade Method: 4 credits
REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Professor-in-charge: Linder. Laboratory supervisor: Piper.
0101 MWF.....11:00am-11:50am (ZP 1240) Linder, H
M.....12:00pm- 2:00pm (ZP 0213) LAB
0102 MWF.....11:00am-11:50am (ZP 1240) Linder, H
M.....2:00pm- 4:00pm (ZP 0213) LAB
0103 MWF.....11:00am-11:50am (ZP 1240) Linder, H
Tu.....8:00am-10:00am (ZP 0213) LAB
0104 MWF.....11:00am-11:50am (ZP 1240) Linder, H
Tu.....10:00am-12:00pm (ZP 0213) LAB
0105 MWF.....11:00am-11:50am (ZP 1240) Linder, H
Tu.....12:00pm- 2:00pm (ZP 0213) LAB
0106 MWF.....11:00am-11:50am (ZP 1240) Linder, H
Tu.....2:00pm- 4:00pm (ZP 0213) LAB
0107 MWF.....11:00am-11:50am (ZP 1240) Linder, H
Tu.....4:00pm- 6:00pm (ZP 0213) LAB
0108 MWF.....11:00am-11:50am (ZP 1240) Linder, H
W.....8:00am-10:00am (ZP 0213) LAB
0109 MWF.....11:00am-11:50am (ZP 1240) Linder, H
Th.....8:00am-10:00am (ZP 0213) LAB
0110 MWF.....11:00am-11:50am (ZP 1240) Linder, H
Th.....10:00am-12:00pm (ZP 0213) LAB
0111 MWF.....11:00am-11:50am (ZP 1240) Linder, H
Th.....12:00pm- 2:00pm (ZP 0213) LAB
0112 MWF.....11:00am-11:50am (ZP 1240) Linder, H
Th.....2:00pm- 4:00pm (ZP 0213) LAB
0113 MWF.....11:00am-11:50am (ZP 1240) Linder, H
F.....8:00am-10:00am (ZP 0213) LAB
0114 MWF.....11:00am-11:50am (ZP 1240) Linder, H
F.....12:00pm- 2:00pm (ZP 0213) LAB
0115 MWF.....11:00am-11:50am (ZP 1240) Linder, H
F.....2:00pm- 4:00pm (ZP 0213) LAB
0116 MWF.....11:00am-11:50am (ZP 1240) Linder, H
M.....2:00pm- 4:00pm (ZP 0249) LAB
0117 MWF.....11:00am-11:50am (ZP 1240) Linder, H
Tu.....10:00am-12:00pm (ZP 0249) LAB
0118 MWF.....11:00am-11:50am (ZP 1240) Linder, H
Tu.....12:00pm- 2:00pm (ZP 0249) LAB
0119 MWF.....11:00am-11:50am (ZP 1240) Linder, H
Th.....12:00pm- 2:00pm (ZP 0249) LAB
0120 MWF.....11:00am-11:50am (ZP 1240) Linder, H
Th.....2:00pm- 4:00pm (ZP 0249) LAB

ZOOL181 Life in the Oceans; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Not accepted for credit toward major in zoology.
0101 TuTh.....3:30pm- 4:45pm (ZP 1250) Clark, E

ZOOL201 Human Anatomy and Physiology I; Grade 4 credits
Method: REG/P-F/AUD; Professor-in-charge: Kapp. Laboratory supervisor: Spalding.
0101 TuTh.....9:00am- 9:50am (ZP 1240) Kapp, J
MF.....8:00am-10:00am (ZP 0201) LAB
0102 TuTh.....9:00am- 9:50am (ZP 1240) Kapp, J
MF.....10:00am-12:00pm (ZP 0205) LAB
0103 TuTh.....9:00am- 9:50am (ZP 1240) Kapp, J
MF.....10:00am-12:00pm (ZP 0207) LAB
0104 TuTh.....9:00am- 9:50am (ZP 1240) Kapp, J
MF.....12:00pm- 2:00pm (ZP 0201) LAB
0105 TuTh.....9:00am- 9:50am (ZP 1240) Kapp, J
MF.....2:00pm- 4:00pm (ZP 0205) LAB
0107 TuTh.....9:00am- 9:50am (ZP 1240) Kapp, J
TuTh.....10:00am-12:00pm (ZP 0201) LAB
0108 TuTh.....9:00am- 9:50am (ZP 1240) Kapp, J
TuTh.....10:00am-12:00pm (ZP 0205) LAB
0109 TuTh.....9:00am- 9:50am (ZP 1240) Kapp, J
TuTh.....10:00am-12:00pm (ZP 0207) LAB
0110 TuTh.....9:00am- 9:50am (ZP 1240) Kapp, J
TuTh.....12:00pm- 2:00pm (ZP 0201) LAB
0111 TuTh.....9:00am- 9:50am (ZP 1240) Kapp, J
TuTh.....12:00pm- 2:00pm (ZP 0205) LAB
0215 TuTh.....10:00am-10:50am (ZP 1240) Kapp, J
MF.....10:00am-12:00pm (ZP 0201) LAB
0216 TuTh.....10:00am-10:50am (ZP 1240) Kapp, J
MF.....12:00pm- 2:00pm (ZP 0205) LAB
0217 TuTh.....10:00am-10:50am (ZP 1240) Kapp, J
MF.....12:00pm- 2:00pm (ZP 0207) LAB
0218 TuTh.....10:00am-10:50am (ZP 1240) Kapp, J
TuTh.....8:00am-10:00am (ZP 0201) LAB
0219 TuTh.....10:00am-10:50am (ZP 1240) Kapp, J
TuTh.....8:00am-10:00am (ZP 0205) LAB
0221 TuTh.....10:00am-10:50am (ZP 1240) Kapp, J
TuTh.....2:00pm- 4:00pm (ZP 0201) LAB
0222 TuTh.....10:00am-10:50am (ZP 1240) Kapp, J
TuTh.....2:00pm- 4:00pm (ZP 0205) LAB

ZOOL210 Animal Diversity; Grade Method: 4 credits
REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Professor in charge: Reaka. Laboratory supervisor: Edds.
0101 TuTh.....11:00am-11:50am (ZP 1240) Reaka, M
MF.....10:00am-12:00pm (ZP 0271) LAB
0102 TuTh.....11:00am-11:50am (ZP 1240) Reaka, M
MF.....12:00pm- 2:00pm (ZP 0271) LAB
0103 TuTh.....11:00am-11:50am (ZP 1240) Reaka, M
TuTh.....9:00am-11:00am (ZP 0271) LAB
0104 TuTh.....11:00am-11:50am (ZP 1240) Reaka, M
TuTh.....1:00pm- 3:00pm (ZP 0271) LAB
0105 TuTh.....11:00am-11:50am (ZP 1240) Reaka, M
TuTh.....3:00pm- 5:00pm (ZP 0271) LAB

0106 TuTh.....11:00am-11:50am (ZP 1240) Reaka, M
MF.....2:00pm- 4:00pm (ZP 0271) LAB
0107 TuTh.....11:00am-11:50am (ZP 1240) Reaka, M
MF.....10:00am-12:00pm (ZP 0257) LAB
0108 TuTh.....11:00am-11:50am (ZP 1240) Reaka, M
MF.....12:00pm- 2:00pm (ZP 0257) LAB
0109 TuTh.....11:00am-11:50am (ZP 1240) Reaka, M
TuTh.....9:00am-11:00am (ZP 0257) LAB
0110 TuTh.....11:00am-11:50am (ZP 1240) Reaka, M
TuTh.....1:00pm- 3:00pm (ZP 0257) LAB

Z00L211 Cell Biology and Physiology; Grade Method: REG/P-F/AUD; Professor-in-charge: Shapiro. Lecturers: Colombini, Goode, Higgins, Levitan, Olek, and Shapiro. Laboratory supervisor: Staff. — 4 credits
0101 MWF.....11:00am-11:50am (ZP 1250) Shapiro, S
M.....2:00pm- 5:00pm (ZP 0283) LAB
0102 MWF.....11:00am-11:50am (ZP 1250) Shapiro, S
Tu.....9:00am-12:00pm (ZP 0283) LAB
0103 MWF.....11:00am-11:50am (ZP 1250) Shapiro, S
Tu.....2:00pm- 5:00pm (ZP 0283) LAB
0104 MWF.....11:00am-11:50am (ZP 1250) Shapiro, S
W.....2:00pm- 5:00pm (ZP 0283) LAB
0105 MWF.....11:00am-11:50am (ZP 1250) Shapiro, S
Th.....9:00am-12:00pm (ZP 0283) LAB
0106 MWF.....11:00am-11:50am (ZP 1250) Shapiro, S
Th.....2:00pm- 5:00pm (ZP 0283) LAB
0107 MWF.....11:00am-11:50am (ZP 1250) Shapiro, S
W.....6:00pm- 9:00pm (ZP 0283) LAB
0108 MWF.....11:00am-11:50am (ZP 1250) Shapiro, S
F.....2:00pm- 5:00pm (ZP 0283) LAB

Z00L212 Ecology, Evolution and Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Professor-in-charge: Staff. Lecturers: Inouye and Gill. — 4 credits
0102 MWF.....1:00pm- 1:50pm (ZP 1243) STAFF
Tu.....2:00pm- 5:00pm (ZP 0275) LAB
0103 MWF.....1:00pm- 1:50pm (ZP 1243) STAFF
W.....2:00pm- 5:00pm (ZP 0275) LAB
0104 MWF.....1:00pm- 1:50pm (ZP 1243) STAFF
Th.....9:00am-12:00pm (ZP 0275) LAB
0106 MWF.....1:00pm- 1:50pm (ZP 1243) STAFF
Tu.....9:00am-12:00pm (ZP 0275) LAB
0107 MWF.....1:00pm- 1:50pm (ZP 1243) STAFF
Th.....2:00pm- 5:00pm (ZP 0275) LAB

Z00L212H (PermReq) Ecology, Evolution and Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits
0101 MWF.....1:00pm- 1:50pm (ZP 1243) STAFF
M.....2:00pm- 5:00pm (ZP 0275) LAB
Time and room to be arranged DIS

Z00L299 (PermReq) Supplemental Study in Zoology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

Z00L308H Honors Seminar; Grade Method: REG/P-F/AUD; — 1 credit
1901 Time and room to be arranged Levitan, H

Z00L309H (PermReq) Honors Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

Z00L318H (PermReq) Honors Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-2 credits

Z00L319 (PermReq) Special Problems in Zoology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-2 credits

Z00L328A Selected Topics in Zoology: Pharmacology; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (ZP 1238) Levitan, H

Z00L328B (PermReq) Selected Topics in Zoology: Laboratory Techniques in Animal Behavior; Grade Method: REG/P-F/AUD; — 2-4 credits
0101 Time and room to be arranged Carter-Porges,

Z00L328C (PermReq) Selected Topics in Zoology: Experimental Behavioral Endocrinology; Grade Method: REG/P-F/AUD; — 2-4 credits
0101 Time and room to be arranged Carter-Porges,

Z00L328D Selected Topics in Zoology: The Biology of Reproduction; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (ZP 1243) Carter-Porges,

Z00L328F Selected Topics in Zoology: Comparative Physiology; Grade Method: REG/P-F/AUD; — 2 credits
2301 MW.....11:00am-12:00pm (ZP 2207) Pierce Jr, S

Z00L328G Selected Topics in Zoology: Genetics; Grade Method: REG/P-F/AUD; — 4 credits
0101 MWF.....9:00am- 9:50am (ZP 1240) Imberski, R
M.....2:00pm- 5:00pm (ZP 0245) LAB
0102 MWF.....9:00am- 9:50am (ZP 1240) Imberski, R
Tu.....9:00am-12:00pm (ZP 0245) LAB
0103 MWF.....9:00am- 9:50am (ZP 1240) Imberski, R
Tu.....2:00pm- 5:00pm (ZP 0245) LAB
0104 MWF.....9:00am- 9:50am (ZP 1240) Imberski, R
W.....1:00pm- 4:00pm (ZP 0245) LAB
0106 MWF.....9:00am- 9:50am (ZP 1240) Imberski, R
Th.....2:00pm- 5:00pm (ZP 0245) LAB
0107 MWF.....9:00am- 9:50am (ZP 1240) Imberski, R
F.....12:00pm- 3:00pm (ZP 0245) LAB

Z00L328Z (PermReq) Selected Topics in Zoology: Field Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Cannot be used as credit toward the Z00L major requirements. — 1-3 credits

Z00L346 Human Genetics and Society; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Not accepted for credit toward the major. — 3 credits
0101 MWF.....9:00am- 9:50am (ZP 1243) Barnett, A

Z00L381 Natural History of the Chesapeake Bay; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; See "What's New and Interesting" for details. — 3 credits
0101 MWF.....12:00pm-12:50pm (ZP 1250) Small, E

Z00L411 Cell Biology; Grade Method: REG/P-F/AUD; — 4 credits
0101 MWF.....11:00am-11:50am (ZP 2283) Ades, I
Tu.....1:00pm- 5:00pm (ZP 2271) LAB
0102 MWF.....11:00am-11:50am (ZP 2283) Ades, I
Th.....1:00pm- 5:00pm (ZP 2271) LAB
0103 MWF.....11:00am-11:50am (ZP 2283) Ades, I
W.....1:00pm- 5:00pm (ZP 2271) LAB

Z00L422 Vertebrate Physiology; Grade Method: REG/P-F/AUD; Professor-in-charge: Colombini. Laboratory supervisor: Staff. — 4 credits
0101 MWF.....10:00am-10:50am (ZP 1250) Colombini, M
M.....2:00pm- 5:00pm (ZP 2223) LAB
0102 MWF.....10:00am-10:50am (ZP 1250) Colombini, M
Tu.....2:00pm- 5:00pm (ZP 2223) LAB
0103 MWF.....10:00am-10:50am (ZP 1250) Colombini, M
Th.....2:00pm- 5:00pm (ZP 2223) LAB
0106 MWF.....10:00am-10:50am (ZP 1250) Colombini, M
Th.....9:00am-12:00pm (ZP 2223) LAB
0107 MWF.....10:00am-10:50am (ZP 1250) Colombini, M
W.....2:00pm- 5:00pm (ZP 2223) LAB

Z00L431 Advanced Developmental Biology; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (ZP 1243) Bonar, D

Z00L440 Evolution; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZP 1243) Highton, R

Z00L444 Advanced Evolutionary Biology; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (ZP 1236) Vermeij, G

Z00L455 General Immunology; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (ZP 1250) Smith-Gill, S

Z00L470 Advanced Animal Ecology; Grade Method: REG/P-F/AUD; — 2 credits
0101 MW.....9:00am- 9:50am (ZP 1236) Gill, D

Z00L471 Laboratory and Field Ecology; Grade Method: REG/P-F/AUD; — 2 credits
0101 Tu.....1:00pm- 5:00pm (ZP 0263) LAB Gill, D
0102 Th.....1:00pm- 5:00pm (ZP 0263) LAB Gill, D

Z00L477 Symbiology; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (ZP 1238) Inouye, D

Z00L480 Aquatic Biology; Grade Method: REG/P-F/AUD; — 4 credits
0101 MW.....1:00pm- 1:50pm (ZP 0263) Walton, W
MW.....2:00pm- 5:00pm (ZP 0263) LAB

Z00L495 Mammalian Histology; Grade Method: REG/P-F/AUD; — 4 credits
0101 MW.....1:00pm- 1:50pm (ZP 1236) Larsen, P
MF.....9:00am-12:00pm (ZP 2245) LAB
0102 MW.....1:00pm- 1:50pm (ZP 1236) Larsen, P
TuTh.....2:00pm- 5:00pm (ZP 2245) LAB

Z00L608B Zoology Seminar: Developmental Biology; Grade Method: REG/AUD; — 1 credit
0401 Time and room to be arranged Bonar, D

Z00L608F (PermReq) Zoology Seminar: Intercellular Communication; Grade Method: REG; — 1 credit
1401 F.....12:00pm-12:50pm (ZP 1208) Higgins, W

Z00L608I Zoology Seminar: Microcomputers for Statistics and Graphics; Grade Method: REG/AUD; — 1 credit
1701 Time and room to be arranged Inouye, D

Z00L608J (PermReq) Zoology Seminar: Ecology, Behavior and Evolution; Grade Method: REG/AUD; Open to all graduate students. — 1-2 credits
1701 Tu.....12:00pm-12:50pm (ZP 1208) STAFF

Z00L608L (PermReq) Zoology Seminar: Ecology; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged STAFF

Z00L608M Zoology Seminar: Comparative Physiology; Grade Method: REG/AUD; — 1-2 credits
2301 Time and room to be arranged Pierce Jr, S

Z00L6080 Zoology Seminar: Cellular Zoology; Grade Method: REG/AUD; Open to all graduate students. — 1-2 credits
3801 W.....12:00pm-12:50pm (ZP 1208) Shapiro, S

Z00L608Z (PermReq) Zoology Seminar: Regulation of Gene Expression; Grade Method: REG/AUD; — 1 credit
3601 F.....12:00pm-12:50pm (ZP 1230) Ades, I

Z00L609A (PermReq) Special Problems in Zoology: Cell Biology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L609B (PermReq) Special Problems in Zoology: Developmental Biology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L609C (PermReq) Special Problems in Zoology: Estuarine and Marine Biology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L609D (PermReq) Special Problems in Zoology: Genetics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L609E (PermReq) Special Problems in Zoology: Parasitology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L609F Special Problems in Zoology: Physiology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L609G (PermReq) Special Problems in Zoology: Systematics and Evolutionary Biology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L609I (PermReq) Special Problems in Zoology: Behavior; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L609J (PermReq) Special Problems in Zoology: Recent Advances; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L609K (PermReq) Special Problems in Zoology: Endocrinology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L609L (PermReq) Special Problems in Zoology: Ecology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L609Q (PermReq) Special Problems in Zoology: Special Problems in Protozoology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L612 (PermReq) Electron Microscopy Laboratory I; Grade Method: REG/AUD; Prerequisite: Z00L 615, ANSC 610 or BOTN 456. — 3 credits
0101 TuTh.....1:00pm- 5:00pm (ZP 0239) Goode, M

Z00L615 Biological Ultrastructure; Grade Method: REG/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (ZP 2283) Goode, M

Z00L621 (PermReq) Comparative Physiology; Grade Method: REG/AUD; — 4 credits
0101 MW.....1:00pm- 4:00pm (ZP 2207) Pierce Jr, S
MW.....11:00am-11:50am (ZP 2207)

Z00L708A Advanced Topics in Zoology: Pharmacology; Grade Method: REG/AUD; — 3 credits
1901 TuTh.....8:00am- 9:15am (ZP 1238) Levitan, H

Z00L708N (PermReq) Advanced Topics in Zoology: Membrane Physiology; Grade Method: REG/AUD; — 1 credit
3401 TBA (ZP 1230) Colombini, M

Z00L7080 (PermReq) Advanced Topics in Zoology: Interactions at the Cell Surface; Grade Method: REG/AUD; — 3 credits
3801 Time and room to be arranged Olek, A

Z00L799A Master's Thesis Research: Cell Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L799B Master's Thesis Research: Developmental Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L799C Master's Thesis Research: Estuarine and Marine Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L799D Master's Thesis Research: Genetics; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L799E Master's Thesis Research: Parasitology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L799F Master's Thesis Research: Physiology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L799G Master's Thesis Research: Systematics and Evolutionary Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L799I Master's Thesis Research: Behavior; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L799J Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L799K Master's Thesis Research: Endocrinology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L799L Master's Thesis Research: Ecology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L899A Doctoral Dissertation Research: Cell Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

Z00L899B Doctoral Dissertation Research: Developmental Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

Z00L899C Doctoral Dissertation Research: Estuarine and Marine Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

Z00L899D Doctoral Dissertation Research: Genetics; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

Z00L899E Doctoral Dissertation Research: Parasitology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

Z00L899F Doctoral Dissertation Research: Physiology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

Z00L899G Doctoral Dissertation Research: Systematics and Evolutionary Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

Z00L899I Doctoral Dissertation Research: Behavior; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

Z00L899J Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

Z00L899K (PermReq) Doctoral Dissertation Research: Endocrinology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

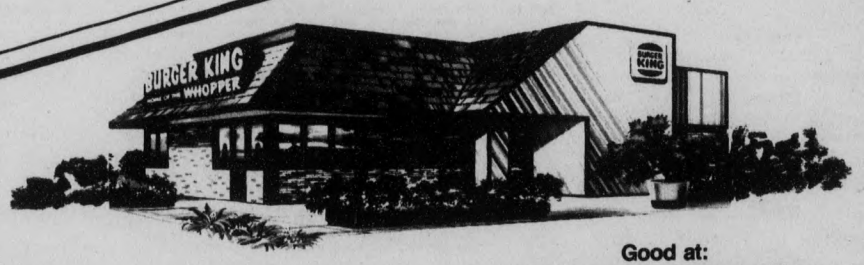
Z00L899L Doctoral Dissertation Research: Ecology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

Study in London

Take courses in the Humanities, Business, and Social Sciences designed for Americans. Also take a course with British students at a London polytechnic. Further experience London through field trips, individualized projects, and living with a British family or in a flat. Apply now for Fall Semester. Call or write:

Study Abroad Office
1113 N. Administrative Bldg.
University of Maryland
College Park, MD 20742
(301) 454-8645

Aren't You Hungry?™ BURGER KING®



Try our fast, fast drive-thru window. Or sit down and relax. We're ready with all your Burger King favorites, so get 'em fast, hot and delicious!

Good at:
2208 University Boulevard East
Adelphi, Md.
&
8510 Baltimore Avenue
College Park, Md.

Burger King — Reg. U.S. Pat. & TM Off. © 1983 Burger King Corporation

Buy one WHOPPER® sandwich, get another WHOPPER® free.

Please present this coupon before ordering. Limit one coupon per customer. Not to be used with other coupons or offers. Void where prohibited by law. This offer expires September 30, 1986. Good only at University Blvd., Adelphi, Md. & Baltimore Ave., College Park, Md.

Buy one Bacon Double Cheeseburger® get another Bacon Double Cheeseburger® free.

Please present this coupon before ordering. Limit one coupon per customer. Not to be used with other coupons or offers. Void where prohibited by law. This offer expires September 30, 1986. Good only at University Blvd., Adelphi, Md. & Baltimore Ave., College Park, Md.

Buy one CROISSAN'WICH® get another CROISSAN'WICH® free.

Please present this coupon before ordering. Limit one coupon per customer. Not to be used with other coupons or offers. Void where prohibited by law. This offer expires September 30, 1986. Good only at University Blvd., Adelphi, Md. & Baltimore Ave., College Park, Md.

WASHINGTON capitals

TO: Maryland University Students

From: The Washington Capitals Hockey Team

Subject: Full-time and Part-time Employment

Earn money now with Washington's most exciting sports team. . .

THE WASHINGTON CAPITALS!

Full-time and part-time sales people are being sought for day and evening work at the Capital Centre.

Guaranteed Salary • Incentives • Bonuses

Great Experience!

Call Sue Hageman at (301) 386-7000.

DORM SIZE CARPETS

PERFECT FOR YOUR ROOM

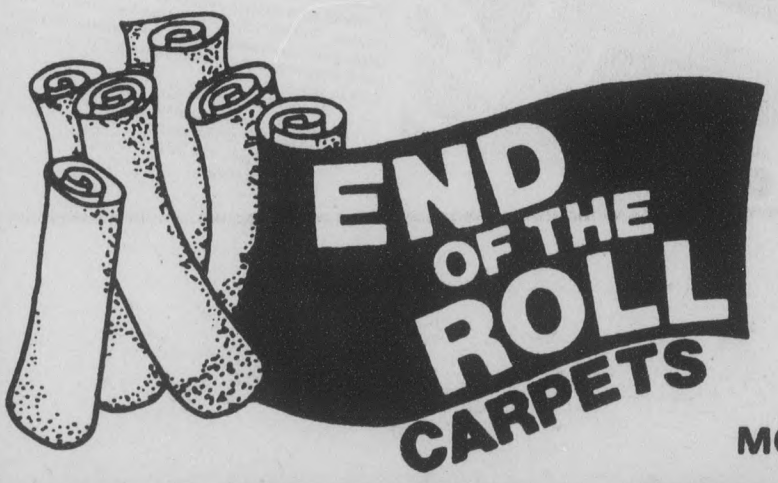
SUPER SELECTIONS OF COLORS, STYLES, SIZES & PRICES.

Quality At Your Price!

4x6 from $18
6x9 from $28
12x9 from $48
12x15 from $88
and up

FREE PAD WITH THIS AD

MANY MORE TO CHOOSE FROM



2010 UNIVERSITY BLVD.
ADELPHI, MD 434-3553

Next to TILE

MONDAY-FRIDAY 10-9 SATURDAY 10-7, SUNDAY 12-6

WE DELIVER

PIZZA & SUBS

at
FAMISHED
FANNY'S
4909 Greenbelt Road
College Park, Md.

474-2333

(one block off Route 1
at Greenbelt Road)

OPEN 7 DAYS A WEEK
Sun thru Thur 11 AM to 12 Midnight
Fri & Sat till 1 AM

$1.00 CHARGE PER DELIVERY

FAMISHED FANNY'S SUBS
474-2333

	Reg.	Lrg.
Steak	2.90	5.75
Steak'n Cheese	2.99	5.95
Steak'n Egg	2.99	5.95
Steak'n Mushroom	2.99	5.95
Steak'n Green Pepper	2.99	5.95
Steak'n Bacon	2.99	5.95
Pizza Steak'n Cheese	3.25	6.45
Roast Beef	2.90	5.75
Roast Beef'n Cheese	2.99	5.95
Roast Beef'n Turkey	2.90	5.75
Ham'n Turkey	2.90	5.75
Tuna	2.99	5.95
Italian Cold Cut	2.99	5.95
Turkey	2.80	5.55
Turkey'n Cheese	2.99	5.95
Ham	2.80	5.55
Ham'n Cheese	2.99	5.95
Hamburger	2.80	5.55
Cheeseburger	2.99	5.95
Bacon Cheeseburger	3.10	6.15
Mushroom, Egg'n Cheese	2.80	5.55
Green Pepper, Egg'n Cheese	2.80	5.55
Meatball'n Cheese	2.99	5.95

YOUR CHOICE OF AMERICAN, PROVOLONE, OR SWISS CHEESE

FROM FANNY'S FARM

MOST SUBS SERVED WITH LETTUCE, TOMATO, MAYO, ONION & PICKLE AT NO EXTRA COST. HOT PEPPERS 15¢ EXTRA.

PIZZA

12"-SMALL **4.75** 16"-LARGE **6.55**

EXTRA TOPPINGS: PEPPERONI, MUSHROOMS, GREEN PEPPERS, MEATBALLS, BACON, ONION AND SAUSAGE.

SMALL **.80** LARGE **1.20**

EXTRA CHEESE, SMALL **1.00**, LARGE **2.00**

FANNY'S FINEST
A PIZZA WITH A LITTLE BIT OF EVERYTHING
SMALL **8.25** LARGE **10.95**

STUFFED PIZZA
$8.95

VALUABLE

$1.00 OFF A LARGE PIZZA
(with minimum of one topping)
Schedule of Classes
Not valid with any other coupon **Expires December '86*

VALUABLE

$1.00 OFF A LARGE STEAK SUB
(one coupon per person)
Schedule of Classes
Not valid with any other coupon **Expires December '86*

VALUABLE

BRAND NEW

$2.00 OFF A STUFFED PIZZA
(one coupon per person)
Schedule of Classes
Not valid with any other coupon **Expires December '86*

SWENSEN'S®

WALKAWAY WITH A BARGAIN!

Get a Giant Walkaway Waffle Sundae. Baked fresh daily. Choice of your favorite toppings.

ONLY **99¢** WITH COUPON
Reg. $1.99

Nobody does ice cream like Swensen's™

BRING THIS COUPON

99¢ WALKAWAY WAFFLE SUNDAE

With This Coupon

College Park Swensen's
College Park Shopping Center
7332 Baltimore Blvd.
College Park, Maryland 20740

OFFER EXPIRES OCTOBER 31, 1986

PLEASE PRESENT WHEN ORDERING. GOOD ONLY WITH COUPON DURING SPECIFIED DATES. NOT VALID WITH ANY OTHER DISCOUNT SPECIAL OR PROMOTION. ONE COUPON PER CUSTOMER VISIT UNLESS OTHERWISE SPECIFIED. VOID WHERE PROHIBITED BY LAW. SWENSEN'S

COLLEGE PARK, MARYLAND

★ Bring this ad with you and receive ★
10% off our low weekend rates

Make your stay an economical one at the COMFORT INN, COLLEGE PARK. Off Beltway Exit 25B at Rt. 1 and MD 193. Located minutes from the University of Maryland Campus off the Washington DC Beltway and within 30 minutes of Baltimore and Annapolis.

Just look at our special features . . .

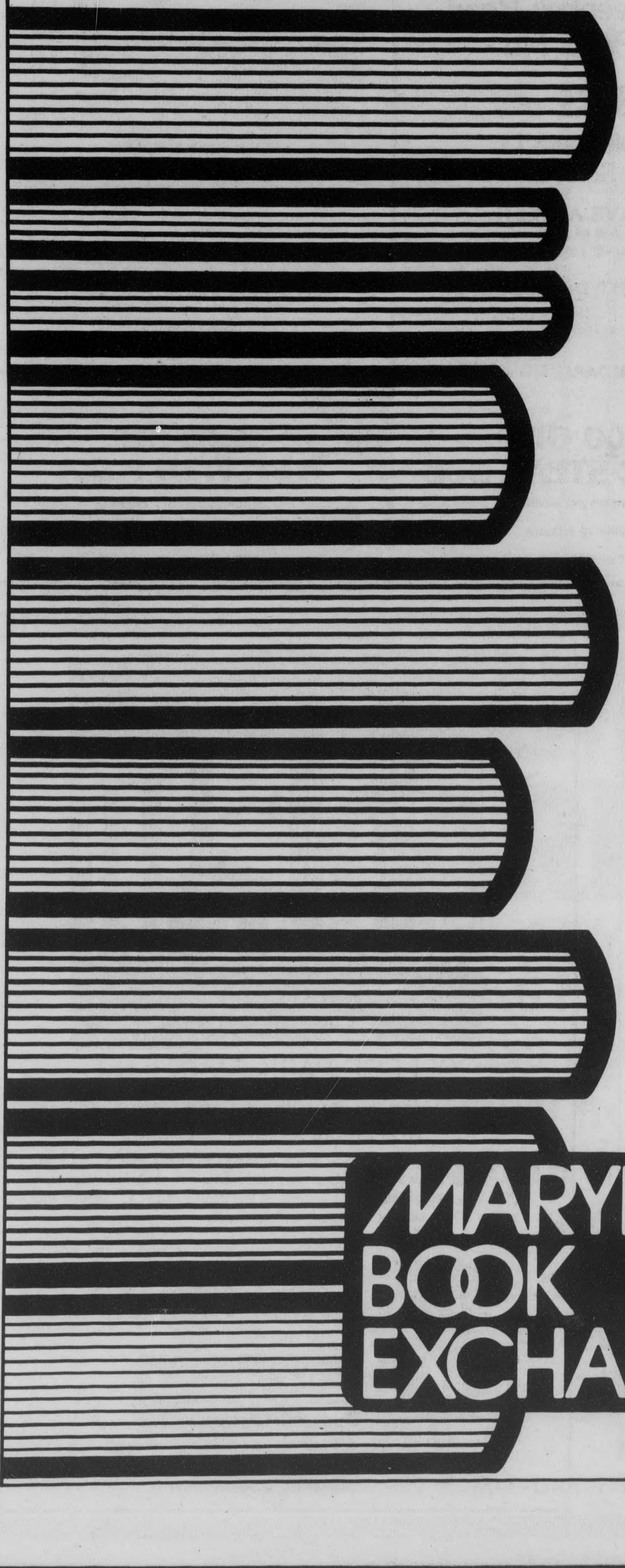
- 160 Comfortable Rooms
- Jacuzzi Suites
- Color TV with AM/FM Radio
- Free In-Room Movies
- Outdoor Pool
- Meeting Space
- And Much More!

Comfort Inn

Call us direct 301-441-8110 or use our Toll Free Number 800-228-5150

9020 Baltimore Boulevard
College Park, Maryland 20740

WELCOME BACK, STUDENTS.



SAVE 25% ON THE LARGEST STOCK OF USED TEXTBOOKS IN TERPS' TERRITORY.

For all of our 50 years, we've been proud and pleased to serve the growing University of Maryland community. And as we mark our 50th Anniversary this fall, we continue our tradition of service with the best selection of *used textbooks* you can find! We'll book you up for the whole semester at great savings. And remember, you can always *cash in* on your textbooks—wherever you bought them, *we'll buy them back.*

As the University grows, we continue to add new fields of service. Now, for the area's largest stock of books on *any* subject, plus your biggest selection of school supplies, art, drafting and engineering equipment, Terrapin sportswear and gifts, there's no other place. Come see how *many* of our services can help you... and come for our 50th Anniversary events as well.

STORE HOURS

Week of August 25-31	
Mon-Thurs	9-7:30
Fri & Sat	9-5
Sun	closed
Week of September 1-7	
Mon (Labor Day)	closed
Tues-Thurs	9-8
Fri	9-7
Sat	9-5
Sun	noon-5
Week of September 8-14	
Mon-Thurs	9-7:30
Fri	9-6
Sat	9-5
Sun	noon-5

Week of September 15
Starting Mon 9/15, resume regular hours:
Mon-Fri 9-6, Sat 9-5, Sun noon-5

MARYLAND BOOK EXCHANGE

Washington area's only Department Store for Books

At the corner of Rt. 1 and College Ave., 2½ miles off I-95, Exit 25B. 4500 College Ave., College Park, MD 20740. 927-2510.

MasterCard VISA CHOICE 50 YEARS 1936-1986